

Buchanan, Heather

From: Dwyer, Judy
Sent: February-15-19 4:39 PM
To: Williams, Amy; Buchanan, Heather
Cc: Napier, Brent
Subject: FW: Catch monitoring (C68) funding

I also met with Natalie and Brian Lester at RM here and outlined our concerns about C STAT, and the 2 lobster proposals....

From: Dwyer, Judy
Sent: Friday, February 15, 2019 3:41 PM
To: Goetze, Darren <Darren.Goetze@dfo-mpo.gc.ca>
Cc: Sicard, Marc <Marc.Sicard@dfo-mpo.gc.ca>
Subject: RE: Catch monitoring (C68) funding

A little more detail on the lobster projects:

Maritimes Lobster Monitors – 36.3K sought

In 2017/18 and 2018/19, catch monitoring funding was received to help develop an at-sea monitoring program for the inshore lobster fisheries in Maritimes Region. This initial funding is supporting discussions with the industry on methods for data collection (pilots involving the hiring of technicians by industry associations), the development of a sampling framework for each LFA, initial training, and data quality review. The current proposal builds on this work. It has three elements. The first consists of continued training that the Department has agreed to provide for the technicians and data entry personnel hired by the industry. Funding will be used for the printing of training materials, room rental and travel expenses. The second consists of ensuring the validity and consistency of the data collected and entered by the industry. Data collection began in fall 2018 and will carry on through summer-fall 2019 and winter 2020. The funding will be used to hire a contractor to review the data and identify and rectify data issues. The third consists of ongoing meetings with the industry to monitor the success of the pilots as they progress. The funding will be used for travel and room booking expenses.

Gulf Lobster DMP – 250K sought

The Lobster fishery is one of the most important commercial fisheries in the Gulf Region. Currently, landing data is collected through purchase slips and logbook data which is a lengthy process and in some cases incomplete. To improve the quality and reliability of landing data which will enhance the lobster stock science assessment and DFO's ability to make informed fisheries management decisions, this four year project will focus on implementing catch monitoring in the lobster fishery in a phased-in approach. Landing data will be more timely, accessible and accurate which will enable decision-making with complete and up to date information to help ensure the management of a sustainable fishery. Some of the key challenges of this project are the number of ports (~140) and fish harvesters (~2,900) that land lobster in the Gulf Region across numerous coastal communities as well as support from industry. Year 1 focused on a feasibility study to determine the cost and develop a workplan for the following years. Funds received in year one was \$75,000 Notional amounts that will be requested prior to YR 2 and YR 3 are noted below.

From: Dwyer, Judy
Sent: Friday, February 15, 2019 2:48 PM
To: Goetze, Darren <Darren.Goetze@dfo-mpo.gc.ca>
Cc: Sicard, Marc <Marc.Sicard@dfo-mpo.gc.ca>
Subject: Catch monitoring (C68) funding

The allocation of funding for Catch monitoring proposals will be on the FMOC agenda next week. There is a total of \$2.1M up for grabs for projects. The total of requests is 4.5M, so obviously a lot of stuff not getting funded. They are looking at taking some off the top and divvying the rest of the money up so that each of 7 regions would get 284K. Our (C&P) total ask is 625K, across 4 proposals.

We (Brent's group) are seeking 285K, and Pauline has requested 340K for C STAT:

- \$150K: Improvement of national observer programs
- \$100K: Training and Innovation for observer programs
- \$25K: development of options for a renewed VUE application for VMS
- \$340K: C-STAT

We are very much dependent on these funds to support our action plan to revitalize the observer programs and advance VMS. If each region is to be allocated 284K, we will be short by 341K to support the total C&P HQ ask.

I acknowledge that I have bias in this, but I would like to petition for the lion's share of this allocation to fulfill our commitment to restore data integrity to these programs. I am admittedly skeptical of the value of CSTAT and I don't want to argue the merits of the catch monitoring programs relative to C STAT projects; I just don't think C STAT should compete with our efforts to restore the integrity of the programs.

If we MUST take a reduction, we cannot hope to achieve much of value with less than 200K, although, as I said, we would like to receive the full ask of 285K.

Of further note, RM Maritimes has submitted a proposal for to support their lobster monitoring project that [REDACTED] efforts to ensure a robust monitoring program.

s.21(1)(b)

And RM Gulf is seeking funding to implement DMP in the lobster fishery – the project would actually pay for the coverage – [REDACTED]

Buchanan, Heather

From: Buchanan, Heather
Sent: October-01-18 4:02 PM
To: Napier, Brent
Subject: RE: Reinforcing Canada's Lobster Industry (Sept 2018).docx

s.19(1)

Thanks, It might take a little bit of time for Alex [REDACTED]

Heather
613-402-6982

From: Napier, Brent
Sent: October-01-18 3:33 PM
To: Buchanan, Heather
Subject: FW: Reinforcing Canada's Lobster Industry (Sept 2018).docx

From: Dwyer, Judy
Sent: October-01-18 3:33 PM
To: Napier, Brent
Subject: FW: Reinforcing Canada's Lobster Industry (Sept 2018).docx

fyi

From: Dwyer, Judy
Sent: Monday, October 1, 2018 3:32 PM
To: Goulet, Yves <Yves.Goulet@dfp-mpo.gc.ca>
Subject: FW: Reinforcing Canada's Lobster Industry (Sept 2018).docx

Yves

s.21(1)(b)

Can we talk? [REDACTED]

Further what's happening in Nova Scotia is NOT a pilot of the ASOP

VMS and hail ins are also not simple to implement- suggest if someone in NFIS wants to develop a product about catch monitoring in the lobster – or other fishery, they should check in with us- before they draft the note

s.19(1)

From: Buchanan, Heather
Sent: October-01-18 2:27 PM
To: Napier, Brent; [REDACTED]
Subject: FW: Reinforcing Canada's Lobster Industry (Sept 2018).docx

There is a lot in here. I can't provide real feedback in half an hour...

Heather
613-402-6982

From: Bruce, Alexander
Sent: October-01-18 1:37 PM
To: Buchanan, Heather
Subject: Reinforcing Canada's Lobster Industry (Sept 2018).docx

Hi Heather,

Would appreciate your feedback on this.

Due by 3pm today...

Thanks

Alex



Fisheries and Oceans

Pêches et Océans

Canada

Canada

PROTECTED B

MEMORANDUM FOR THE CHIEF (NFIS)

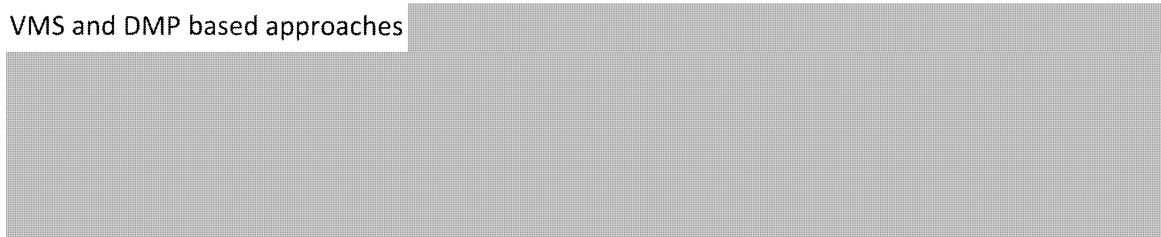
**REINFORCING CANADA'S LOBSTER FISHERIES
(FOR INFORMATION)**

Executive summary

From 2016 to 2017, the Canadian Science Advisory Secretariat listed the vast majority of lobster fisheries as being in the healthy zone and recommended a cautionary approach in areas that are highly commercially fished.

Traditional compliance monitoring in the lobster fishery is limited by operational capacity and often requires significant resources to achieve successfully.

VMS and DMP based approaches



BACKGROUND

The Canadian lobster fishery is largely dependent on *Homarus americanus*, which is the only native species of lobster found in Canadian waters, stretching along the Atlantic coastline. Lobster harvester's fish individual traps set out over a relatively short distance and are commonly close to shore in proximity to the harvester's local wharf. Canadian Lobster Fishing Areas (LFA) are geographically dispersed along the Atlantic coastline, stretching from Northern Quebec to Southern Nova Scotia. The lobster industry remains largely unchanged by modern technical advancements in fishing, unlike many others of Canada's major fisheries.

s.21(1)(a)
s.21(1)(b)

In 2015, Canadian lobster exports were valued at approximately \$2B, which accounted for one-third of total Canadian seafood exports. "Lobster is by far Canada's greatest generator of export value, with Canadian exports almost as high as the combined value of lobster exports (primarily rock/spiny lobster) from Australia, New Zealand, South and Central America, the Caribbean and all other countries. Nearly 78% of Canadian lobster exports are destined for the United States.

The Department of Fisheries and Oceans (DFO) actively manages 45 lobster fisheries, which include over 10,000 licensed harvesters across the East Coast. The DFO's Integrated Fisheries Management Plans (IFMP) sets out the specific guidelines for the lobster fishery and notes a distinction between inshore and offshore fisheries.

Current conservation measures, including self-imposed industry practices, include limits to the number of active licences, trap limits, length of fishing seasons, number of fishing days, V-notch program to protect egg bearing female lobsters, trap restrictions reduce undersized lobster catch rates, total allowable catch quotas (i.e. offshore areas) and lobster size restrictions.

Stock assessments are conducted every three years. DFO's Science branch assesses stock health by examining the abundance and demographic, fishing pressure and stock productivity indicators. Data sources from which the indicators are derived include: landings recorded on processing plant purchase slips, data from sampling done by area or sub-area at sea or dockside. The abundance indicators reached historic highs in 2014-2015, which correlate positively with historic landing quantities.

Catch monitoring programs, such as the At-Sea Observer Program (ASOP) and Dockside Monitoring Program (DMP), provide the DFO with crucial scientific and statistical information collected by trusted third-party sources. These programs have slowly been introduced in most major Canadian fisheries and help reduce the prevalence of Illegal, Unreported and Unregulated (IUU) fishing. The Canadian lobster fishery is one of few that is exempt from both at-sea and dockside monitoring requirements. Recent pressure from the DFO has led to a pilot of the ASOP in southwestern Nova Scotia that will take place later this fall. ASOP and DMP are fully funded by industry, run by service providers, with DFO oversight and routine verification of program integrity. Other monitoring technology, such as Vessel Monitoring System (VMS) requirements have not been yet been established in the lobster fishery.

STRATEGIC CONSIDERATIONS

- COMPLIANCE PROGRAM LIMITATIONS:

Enforcement operations should be further supported with routine statistical analysis of information from logbooks and purchase slips to help guide operational efforts. Current regional Conservation and Protection (C&P) plans to monitor and enforce compliance in the lobster fishery relies on overt and covert patrols conducted by Fisheries Officers by land, sea and air. This type of compliance monitoring is limited by operational capacity and often requires significant resources to achieve successfully.

s.21(1)(a)

s.21(1)(b)

- **LOBSTER FISHERY REQUIREMENTS:**

While adding new lobster fishery requirements, such as VMS and DMP, [REDACTED]

[REDACTED] Current VMS requirements cannot be met by the majority of inshore lobster fleets due to their small vessels and limited space onboard. [REDACTED]

[REDACTED] Industry resistance has noted concerns over the cost prohibitive nature and lack of access for harvesters in more remote locations. [REDACTED]

[REDACTED] Industry skepticism was recently expressed over the approval to pilot at-sea observers in certain Maritime LFAs that seek to gauge bycatch levels of both Cod and Cusk.

- **STOCK HEALTH:**

The Canadian lobster fishery is generally regarded as a sustainable fishery by both DFO and industry professionals due to its ecologically sensitive approach. The majority of DFO's stock assessments for American lobster reported having high abundance of lobster and historic high landings. The stock is therefore positioned in the healthy zone in the context of the precautionary approach. The primary method of determining the abundance indicator is based on calculating both landings and catch-per-unit-effort. Without an establish dockside monitoring program in place, landings data can only offer limited insight into actual landed weight and size of lobster.

- **INTERNATIONAL CONSIDERATIONS:**

s.21(1)(a)

s.21(1)(b)

[REDACTED]
[REDACTED] Global consumption of seafood products is projected to grow by about 12% by 2025, and is expected to be limited by supply as the expansion of aquaculture slows. [REDACTED]

SUMMARY OF ADVICE

Reinforcing Canada's Lobster Industry, A. Bruce, 613-949-9261, Senior. Program Officer / G. Adcock

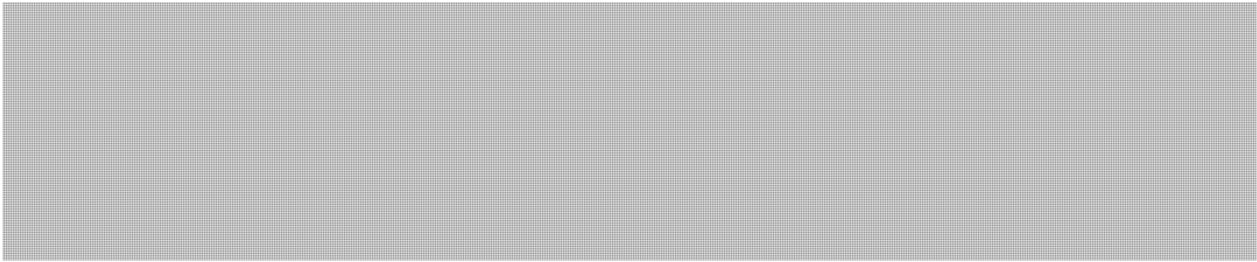


Government of Canada
Fisheries and Oceans

Gouvernement du Canada
Pêches et Océans

s.21(1)(a)

s.21(1)(b)



Attachment (8):

1. Lobster Fact Sheet (DFO)
2. Lobster Fishery IFMP – Areas 19, 20 and 21
3. Lobster Fishery IFMP – Areas 27 – 38
4. Lobster Fishery IFMP – Areas 23, 24, 25, 26A, 26B
5. Lobster Fishery IFMP – Offshore Lobster and Jonah Crab
6. DFO plan for at-sea observers met with skepticism by lobster fishermen (CBC)
7. Science Report – American Lobster Maritimes 2016
8. DFO Dockside Monitoring In the Lobster Fishery 2016

PROTECTED B

To: Geoff Adcock

Date: July 18, 2018

Object:

Objet:

From / De: Alexandre Bruce

Via:

Additional approvals:

Autre(s) approbation(s):

☐

Your Signature

Votre signature

☒

Information

☐

For Comments

Observation

☐

Material for the Minister

Documents pour le Ministre

Remarks:

Remarques:

Drafting Officer/ Rédacteur:

A. Bruce (613-949-9261)/ G. Adcock

Dwyer, Judy

From: Goulet, Yves
Sent: Monday, October 1, 2018 4:02 PM
To: Dwyer, Judy
Subject: RE: Reinforcing Canada's Lobster Industry (Sept 2018).docx

Judy,

I talked with Alexander who told me that the document you received is a draft and will be significantly changed following consultation with Heather and (I think) Brent. So, I think we don't need to meet. I will send your comments to Alexander so he is aware. I can assure you that you will be consulted before anything is released.

Yves

Yves Goulet

Director, National Fisheries Intelligence Service / Directeur, Service national de renseignement sur les pêches
Fisheries & Oceans Canada / Pêches et Océans Canada
200 Kent street / 200 rue Kent
Ottawa (ON), Canada
K1A 0A6

Phone/telephone: (613) 991-9436 (work/bureau); (613) [REDACTED] (mobile)

s.16(2)(c)

De : Dwyer, Judy
Envoyé : 1 octobre 2018 15:32
À : Goulet, Yves <Yves.Goulet@dfo-mpo.gc.ca>
Objet : FW: Reinforcing Canada's Lobster Industry (Sept 2018).docx

Yves

s.21(1)(b)

Can we talk? [REDACTED]

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613-402-6982

From: Bruce, Alexander
Sent: October-01-18 1:37 PM
To: Buchanan, Heather
Subject: Reinforcing Canada's Lobster Industry (Sept 2018).docx

Hi Heather,

Would appreciate your feedback on this.

Due by 3pm today...

Thanks

Alex

s.19(1)

Mallet, Pierre

From: Massiera, Josiane
Sent: May-07-18 9:33 AM
To: LeBlanc, Carole L; Lemay, Gaëlle; Lapierre, Daniel; Rondeau, Amélie; Comeau, Sandra J; Moore, Benjamin; Dwyer, Alan
Cc: Mallet, Pierre
Subject: FW: NS Associations Teleconference RE: Lobster catch monitoring

Summary of call (first one with Industry) that took place April 24 for your information.
Josiane

From: Lonnie McNeill [mailto:]
Sent: April-24-18 8:56 PM
To: Dwyer, Alan; Massiera, Josiane
Cc: Peter Johnston
Subject: NS Associations Teleconference

Hi Alan and Josiane - I summarized the points I gathered below. Please feel free to let me know of any changes/additions you think should be included.

Alan, I didn't catch the last name of Mallory.

A teleconference with the NS Associations was conducted from 1 PM until approximately 1:40 PM 24 April 2018. Participants were:

- DFO Antigonish Area Office – Alan Dwyer/Lonnie McNeill;
- DFO Regional Headquarters Moncton – Josiane Massiera;
- North of Smokey Fishermen's Association – Darryl Murphy/James Brow/Mallory _____; and
- Northumberland Fishermen's Association – Ronald Heighton.

There was no representation from:

- Gulf of Nova Scotia Fishermen's Association;
- Gulf of Nova Scotia Fishermen's Coalition;
- Inverness South Fishermen's Association; or
- Maritime Fishermen's Union (Local 4).

The attendees identified themselves and Alan explained that the reason for the teleconference was to get the fishers' perspective regarding the feasibility study that is currently being conducted by Lansdowne Technologies for catch monitoring in the lobster fishery. Lonnie described the objective of the study and described the five tasks associated with the study, summarized what has taken place to date and explained that at this point we were seeking to get the fishers' perspective and any suggestions they might have. The points brought forward by the fishers are summarized below.

- Ronald Heighton said that he didn't understand why this initiative was taking place when there was a plan to have an ELOG as early as 2019. He wondered why Gulf Region was always the first to be subjected to these initiatives when other regions are known to have significant unreported landings. He stated that there would never be catch monitoring in the lobster fishery and indicated that he would be rallying support to prevent any such initiative. Alan was about to ask him if there were similarities between the lobster fishery and the snow crab fishery, but Ronald had already terminated his participation in the teleconference.
- Darryl Murphy inquired if there was any other way to gather the data besides using dockside observers. It was explained that, as for other species, dockside monitoring is currently the best means to verify the catch. Darryl pointed out that you would need an observer at just about every port and wondered what that meant

in terms of numbers. It was agreed that this was a big challenge for the DMCs and that likely around 200 observers would be required, based on having a person at each buying station. It was emphasized that the catch was already being weighed, and catch monitoring didn't change the process, but rather provided a verification of the weigh-out.

- James Brow inquired if this initiative meant that quotas were coming and was told that it is not intended to establish quotas. He wanted to know when this implementation would occur and was told that the decision would be made after the study was complete, but the implementation would likely be phased in over a period of time. James wondered why the sales slips weren't sufficient for getting the required information. It was explained that catch monitoring would include fishing location and verified weight on a single document and that it was important that this information be entered into the Gulf Fishery Information System in a timely manner. It was also pointed out that in the international community the importance of demonstrating sound fisheries management is gaining importance. James wanted to know how long the study had been underway and if this was the first interaction with the fishers. James stated that he had left the groundfish industry because of the monitoring costs and he was concerned about the possibility of prohibitive costs if catch monitoring was implemented in the lobster fishery.

There was discussion about the requirement to adjust log books to include the information required for catch monitoring and that it made sense to have a log book that covered seven days (like the current log book), but there was the possibility that it could cover an entire month like the log book used in the Maritime Region.

It was clear that the fishers were not supportive of the initiative, and in the case of the Northumberland Fishermen's Association representative, strongly opposed to catch monitoring in the Gulf Region Lobster Fishery.

Thanks,
Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

s.19(1)

Mallet, Pierre

From: Massiera, Josiane
Sent: October-30-18 4:51 PM
To: Lonnie McNeill
Cc: Peter Johnston; Mallet, Pierre
Subject: RE: Final Report

Hi Lonnie,

I hope all is well! We are having our Lobster Advisory Committee meeting on December 4 and 5 in Moncton. Catch monitoring is on the agenda. Would it be possible for you to present the deck that you prepared for DFO? We would be covering your cost.

Thanks,
Josiane
506 - 851-7290

From: Lonnie McNeill [mailto:]
Sent: June-18-18 1:43 PM
To: Massiera, Josiane
Cc: Peter Johnston
Subject: Final Report

Hi again Josiane:

I have attached the final report with the changes we discussed this morning. Again, if there is a requirement for any final tweaking, or changes regarding the presentation, please don't hesitate to let me know and I will make the amendments.

Thank you for your support throughout and your keen eye for formatting and preciseness. It was a pleasure for Peter and me to work with you and your colleagues.

a la prochaine,
Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
 (Cell)

s.19(1)

Mallet, Pierre

From: Massiera, Josiane
Sent: October-30-18 5:11 PM
To: Moore, Benjamin; Comeau, Sandra J; Dwyer, Alan
Cc: Mallet, Pierre; LeBlanc, Carole L
Subject: FW: Lobster Catch Monitoring Final Report
Attachments: Lobster Feasibility Study - Final Report .pdf; Deck-Lobster Feasibility Study Final.pdf

As discussed at noon, please find the final report and Deck prepared by the consultants. Pierre reminded me that we had discussed with the consultant the possibility for him to make the presentation.

I will follow up with him. Meanwhile, please advise if you have any concerns in sharing the deck with industry.

Thanks,
Josiane

From: Massiera, Josiane
Sent: June-18-18 2:06 PM
To: Maclachlan, Mark; Lemay, Gaëlle; Lapierre, Daniel; Rondeau, Amélie; Comeau, Sandra J; Moore, Benjamin; Dwyer, Alan
Cc: LeBlanc, Carole L; Mallet, Pierre
Subject: FW: Final Report

Attached is the final report and deck. Thanks to all of you for your contribution. /

Voici le rapport final et la présentation. Merci à tous pour votre contribution.

Josiane

From: Lonnie McNeill [REDACTED]
Sent: June-18-18 1:43 PM
To: Massiera, Josiane
Cc: Peter Johnston
Subject: Final Report

Hi again Josiane:

I have attached the final report with the changes we discussed this morning. Again, if there is a requirement for any final tweaking, or changes regarding the presentation, please don't hesitate to let me know and I will make the amendments.

Thank you for your support throughout and your keen eye for formatting and preciseness. It was a pleasure for Peter and me to work with you and your colleagues.

a la prochaine,
Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

Lobster Catch Monitoring Feasibility Study

FINAL REPORT

31 May 2018

Report submitted to:
Fisheries and Oceans Canada

Report submitted by:
Lansdowne Technologies Inc.

Lobster Feasibility Study Report

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Executive Summary

This report describes the work and findings from the lobster study consultant from Lansdowne Technologies Inc. (LTI) in conducting a feasibility study to develop an implementation plan for reliable, timely and accessible fisheries information and catch monitoring in the Gulf Region Lobster Fishery, in accordance with Contract F52111-170559 (20 February 2018) for Fisheries and Oceans Canada (DFO).

The Statement of Work in the Contract identified five principal tasks to be completed. These tasks were:

- Present facts on the Gulf Region lobster fishing industry;
- Review the current Dockside Monitoring Program (DMP) and identify the gaps to proceed with lobster catch monitoring;
- Develop an implementation plan that will ensure that the lobster Catch Monitoring data system includes data that will be entered in the DFO informatics system: Gulf Fishery Information System (GFIS);
- Provide recommendation of staffing requirements; and
- Provide a cost analysis.

The specific components of these five tasks are addressed in the corresponding sections of this report. At the outset, the objective was to gain an understanding of the current situation in the Gulf Region lobster fishery and with the Gulf Region DMP. From this starting point, options were developed to address the broad objective of providing an implementation plan for catch monitoring in the Gulf Region lobster fishery.

It is considered that the key factor in achieving successful implementation of catch monitoring in the Gulf Region lobster fishery is recruiting, training and retaining a sufficient number of dockside observers that will be able to monitor the landings without impeding the efficient offloading of catch. This will also entail Dockside Monitoring Companies (DMCs) undergoing major revision of their business processes and DFO providing clear guidance to the DMCs. There are six options that have been developed and are presented in the Options Analysis section of this report.

Subject to availability of funds, it is recommended that DFO contribute financial resources during the early stages of the implementation. This approach will facilitate transition from a current no-cost arrangement for the fishers to monitoring paid for by industry. Additionally, all stakeholders could be made aware of the possibility to receive support from the Atlantic Fisheries Fund for innovations that could help increase productivity, quality and sustainability in the fish and seafood sector.

A modest presence with 10% monitoring in the first year is considered achievable and feasible. Achieving 100% monitoring will be a challenge for the DMCs, particularly because of the significant increased demand for dockside observers and the large number of ports in the Gulf Region. This may require flexibility and innovation regarding their business models and oversight by DFO as the companies transition to an increase in monitoring responsibilities. A phased approach that allows for a measured increase in monitoring each year would increase the probability of a successful implementation.

Background

As outlined in the UN publication *The State of World Fisheries and Aquaculture*, in September 2015, the UN's 193 Member States adopted the 2030 Agenda for Sustainable Development. The 2030 Agenda comprises 17 Sustainable Development Goals (SDGs) as a framework to guide development actions of governments, international agencies, civil society and other institutions over the next 15 years. Several targets for SDG 14 ("Conserve and sustainably use the oceans, seas and marine resources for sustainable development") are explicitly fisheries-related. The fisheries related targets call for actions to: effectively regulate harvesting; end overfishing and illegal, unreported and unregulated (IUU) fishing and destructive fishing practices; address fisheries subsidies; increase economic benefits from sustainable management of fisheries and aquaculture; and provide access for small-scale artisanal fishers to marine resources and markets.

With an estimated annual landed value approaching \$324 million and over 7,100 people involved annually in harvesting, the lobster fishery is the mainstay of the fishing industry in the Gulf Region. The number of licence holders varies depending on the Lobster Fishing Area (LFA). There are around 669 licence holders in LFA 23, 635 in LFA 24, 711 in LFA 25, 686 in LFA 26A, 109 in LFA 26B North and 119 in LFA 26B South. To ensure sustainability of this valuable industry and meet our commitments the international sustainable fisheries, the objective of this work is to develop a feasibility study and provide an implementation plan. This study includes various options and costs for catch monitoring in the Gulf Region lobster fishery (LFAs 23, 24, 25, 26A and 26B) to improve the quality and reliability of landing data to support the lobster stock science assessment and DFO's ability to make informed fisheries management decisions for a sustainable fishery.

The current Dockside Monitoring Program (DMP) provides accurate, timely, third party verification of fish landings in the Gulf Region for certain species (snow crab, rock crab, groundfish, tuna, shrimp, and herring). It is the primary source of landing information on which Fisheries and Oceans Canada bases fisheries management decisions. The landing data from the DMP companies is entered directly in the DFO informatics system – the GFIS. The fishing industry and the Department are dependent on the accurate verification of landings by dockside monitoring companies (DMCs). The DMP is an extremely valuable management tool used by the Department to monitor the fisheries within its scope. However, there is no mandatory dockside monitoring in the lobster fishery.

Currently, landing data for the lobster industry is collected through purchase slips and logbooks which are lengthy processes to enter data both for the fishers and DFO. In some cases, these logbooks are incomplete and unreliable. Fishery monitoring and catch reporting in the lobster fishery has been a long-standing issue, but reliable, timely and accessible fisheries information is the foundation of sustainable management and is gaining in importance:

- The Atlantic Lobster Sustainability Measures Program (ALSM), a \$50 million funding program that ended March 31, 2014, supported industry efforts to improve economic prosperity and long-term sustainability in all LFAs includes the objective of improving catch monitoring and fishing effort reporting;
- Obtaining reliable and timely data from this fishery has been identified as a policy objective for the Department, including for the Precautionary Approach;

- Fishery monitoring and catch reporting is consistent with Marine Stewardship Council's requirements;
- Improving fishery monitoring and catch reporting is in line with the Gulf Region's current vision for the lobster fishery; and
- In 2016, the Office of the Auditor General of Canada under the authority of the Auditor General Act conducted a performance audit and published the results in a report entitled: *Sustaining Canada's Major Fish Stocks—Fisheries and Oceans Canada - Reports of the Commissioner of the Environment and Sustainable Development, Report 2, Fall 2016* (Office of the Auditor General 2016). The audit found that DFO was missing key information needed to manage Canada's fish stocks sustainability. As a result, DFO committed to emphasize its efforts on identified deficiencies in fishery monitoring and catch reporting for key stocks and to look at ways to make reliable and timely data available for fisheries management.

The DMP in place for other species provides information that is key to enabling sound fisheries management decisions. Given the importance of the lobster fishery to this Region and Canada as a whole, a similar program is investigated in this study to provide transparency and access to the same kind of landing data as other fisheries.

Project Scope

The goal of this study was to investigate the feasibility of fishery monitoring and catch reporting monitoring and to recommend an implementation plan that would improve the quality and reliability of landing data to enhance the lobster stock science assessment and DFO's ability to make informed fisheries management decisions for a sustainable lobster fishery in the Gulf Region.

The Lobster Feasibility Study covered the Gulf Region Lobster Fishery which includes the following LFAs: LFA 23, LFA 24, LFA 25, LFA 26A and LFA 26B.

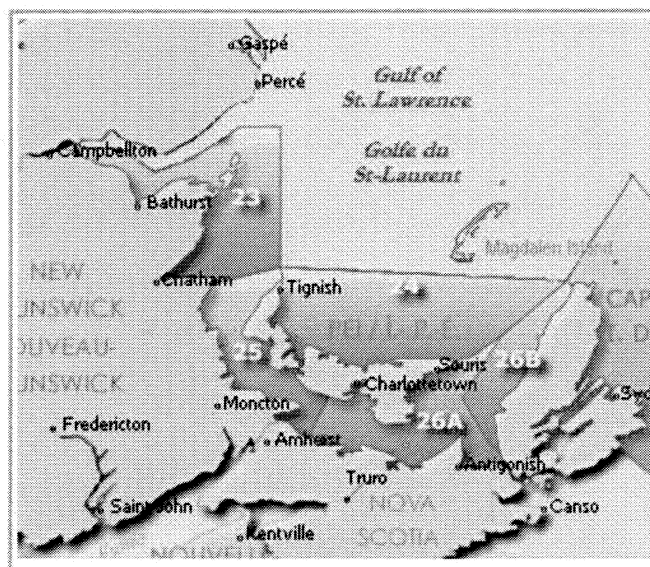


Figure 1 – Map of Gulf Region Lobster Fishing Areas

In the Gulf Region, the Regional Headquarters (RHQ) is located in Moncton, New Brunswick (NB) and the three administrative Area Offices for Eastern NB, Prince Edward Island (PEI) and Gulf Nova Scotia (GNS) are in Tracadie NB, Charlottetown PEI and Antigonish NS. For the purposes of this study, NB refers to Eastern NB and NS refers to Gulf NS. The interests of the fishers are represented by the following provincial organizations:

- **New Brunswick** – Maritimes Fishermen's Union/Union des pêcheurs des Maritimes (MFU/UPM);
- **Prince Edward Island** – PEI Fishermen's Association (PEIFA); and
- **Nova Scotia:**
 - o Gulf Nova Scotia Bonafide Fishermen's Association;
 - o North of Smokey Fishermen's Association;
 - o Northumberland Fishermen's Association;
 - o Gulf Nova Scotia Fishermen's Coalition;
 - o Inverness South Fishermen's Association; and
 - o Maritime Fishermen's Union (Local 4).

Six DMCs currently provide services in the region:

- 1) Pèse-Pêche Inc. in Shippagan NB;

- 2) Seefish Dockside Monitors in Fairhaven NB;
- 3) Island Weigh 95 Inc. in Tignish PEI;
- 4) Sea Tracker Dockside Monitoring in Tignish PEI;
- 5) Atlantic Catch Data in Pictou NS; and
- 6) Cheticamp Monitoring Association in Cheticamp NS.

There are two lobster fishing seasons in the Gulf Region that both run for a two-month period. The Spring fishery takes place in LFAs 23/24/26A/26B South from April 30 to June 30. The season in one area of LFA 26A1 between Point Prim and Victoria in PEI and in LFA 26B North in Cape-Breton is from May 7 to and July 7. The Summer/Fall fishery in LFA 25 runs from August 9 until October 10.

Approach/Conduct of Study

This study was conducted using a phased approach to gain an understanding of the current situation in the Gulf Region lobster fishery while seeking recommendations and the perspective from key DFO personnel and the DMCs and to develop a potential implementation plan for fishery monitoring and catch reporting to be discussed with stakeholders. The four phases are described below.

Phase I: Read-In Gathering of Information (February 20 – March 11, 2018)

In this initial phase the lobster study consultant conducted a read-in of DFO documentation recommended by the Project Authority and external research to gain a deeper understanding of the Gulf Lobster Fishery. A priority during this phase was to establish a working relationship with key DFO members at the Regional and Area Offices, refine the project schedule to meet DFO requirements and develop a detailed visit itinerary in each area for Phase II. A Project startup meeting was held at RHQ in Moncton on February 27, 2018 with the project team. References reviewed by the lobster study consultant are attached at Annex A.

Phase II: On-Site Visits (March 12 – 28, 2018)

In this phase, the lobster study consultant conducted on site visits to the RHQ in Moncton, followed by visits to the three Area Offices in Tracadie, Antigonish and Charlottetown and with the DMCs in each area. The goal of the visit to RHQ was to understand the strategic perspective regarding this project and to learn about the DFO Informatics System regarding how catch landing data is received/processed for other species and the desired flow of similar data for lobster. The purpose of the visits to the Areas was to get the perspective of DFO staff and the DMC management in each area regarding concerns/challenges and to assess the capacity to meet the requirements of dockside monitoring for the lobster fishery. The fishermen's associations received a notice of the study in February and although not part of the original scope, it was decided by DFO to meet with them to seek the perspective of the fishers, understanding that there would be continued dialogue among all the stakeholders following completion of the study report and a final decision by DFO.

Phase III: Analysis and Option Development (March 29 – April 26, 2018)

In this phase, the lobster study consultant examined the information gathered in Phases I/II to fulfill the requirements of the assigned tasks and to identify possible options to improve the quality and reliability of landing data in the Gulf Region lobster fishery. Once the options were developed, a meeting/teleconference took place with the project team (RHQ and Area staff).

Phase IV: Reporting (April 27 – May 31, 2018)

Throughout the study, the lobster study consultant submitted bi-weekly written reports on the progress of the project to ensure tracking of activities and deliverables scheduled were met to allow early identification of any changes required by the Project Authority to meet the needs of DFO.

In this phase, the Lobster Study Consultant developed both draft and final reports. The draft report was provided to DFO for review and comment on May 1, 2018 and an updated final report was submitted on May 31, 2018.

Current Situation/Findings

Task 2.1.1 - Present Facts on Gulf Region Lobster Fishery

The goal of this task was to identify number of participants, active licence holders, wharves with lobster trips and trips per wharf. The bulk of this information was derived from spreadsheets provided by the Statistics Division at RHQ based on information provided from sales slips.

The number of licences and the number of trips from 2003 to 2016 were reviewed.

Table 1 - Licences * and Trips – Gulf Region

Year	# of Licences	# of Trips
2003	3,273	126,964
2004	3,330	125,722
2005	3,301	126,188
2006	3,253	128,355
2007	3,262	130,950
2008	3,297	124,110
2009	3,232	124,414
2010	3,206	117,564
2011	3,056	116,356
2012	3,011	119,844
2013	3,136	110,965
2014	3,046	120,275
2015	3,057	116,710
2016	2,963	119,955

* In a small number of cases, where a licence lands its catch in more than one port, that licence is counted twice.

From 2003 to 2016, there has been a decrease of 310 lobster licences, mainly due to rationalization programs. The number of reported trips saw a high of over 130,000 in 2007 and since 2010, the trend has generally been between 116,000 and 120,000. The trend indicates a steady but slow decline in both number of licences and number of trips. A review of this data by province is as shown below:

Table 2 - Gulf Region Licences and Trips – By Area

Year	# of Licences PEI	# of Trips PEI	# of Licences ENB	# of Trips ENB	# of Licences GNS	# of Trips GNS
2003	1,326	63,587	1,337	37,296	610	26,081
2004	1,349	63,629	1,337	37,037	644	25,056
2005	1,347	62,289	1,293	37,274	661	26,625
2006	1,339	62,615	1,270	39,171	644	26,569
2007	1,374	62,869	1,248	41,115	640	26,966
2008	1,381	60,719	1,263	38,197	653	25,194
2009	1,385	57,667	1,220	42,403	627	24,344
2010	1,321	55,949	1,242	39,303	643	22,312
2011	1,281	54,898	1,176	37,386	599	24,072
2012	1,301	58,515	1,112	35,944	598	25,385
2013	1,331	54,123	1,169	34,182	636	22,660
2014	1,320	58,632	1,128	37,757	598	23,886
2015	1,337	56,091	1,133	37,429	587	23,190
2016	1,274	59,176	1,105	35,899	584	24,880

The number of active licences in the Gulf Region for 2018 is 2960. For this study, 2016 data was used to gather the facts. A broad summary of the information for 2016 is as shown below for the provinces and each LFA:

Table 3 - Facts by Gulf Area

PROVINCE	PEI	ENB	GNS	TOTAL
# of LICENCES	1,274	1,105	584	2,963
# of TRIPS	59,176	35,899	24,880	119,955
# of WHARVES	64	54	49	167
AVG # TRIPS PER WHARF	925	665	508	718

Table 4 - Facts by LFA

LFA	23	24	25	26A	26B	TOTAL
# of LICENCES	679	683	647	736	218	2,963
# of TRIPS	21,869	31,043	25,173	32,424	9,446	119,955
# of WHARVES	31	29	39	52	18	167
AVG # TRIPS PER WHARF	705	1,070	645	624	525	718

While the number of licences, trips and wharves provide a good overview of the fishery, the average number of trips per wharf does not provide meaningful data as there are some ports that are very busy,

and others that are listed with no recorded trips in recent years. By removing the ports with no recent activity from the analysis, the total number of ports can be reduced from 167 to 125. A more detailed breakdown for each province is shown below.

Table 5 - Number of Trips per Wharf in Prince Edward Island

Wharf	Trips Spring	Trips Summer/Fall
NAUFRAGE	3,185	
NORTH LAKE	4,111	
RED HEAD	1,405	
SAVAGE HARBOUR	1,614	
SEACOW POND*	2,019	
TIGNISH RUN*	6,082	
NORTHPORT	3,857	
DARNLEY	129	
ELLERSLIE	50	
MALPEQUE	1,304	
LENNOX ISLAND	917	
MILLIGAN'S WHARF	1,135	
FRENCH RIVER	1,502	
NORTH RUSTICO	1,636	
STANLEY BRIDGE	75	
NEW LONDON	275	
COVEHEAD	638	
TRACADIE	1,109	
NINE MILE CREEK	462	
VICTORIA	43	
PINETTE	51	
WOOD ISLAND	577	
MACAULAYS WHARF	293	
BEACH POINT	2,894	
GEORGETOWN	1,469	
LAUNCHING	1,950	
LOWER MONTAGUE	163	
MONTAGUE	366	
NEWPORT	104	
STURGEON	356	
GRAHAM'S POND	2,162	
MACHON POINT	1,460	
MINK RIVER	247	
SOURIS	1,794	
ANNANDALE	1,855	
FORTUNE	1124	
HOWARD'S COVE		2,280
MIMINEGASH		1,925
SKINNER'S POND		3,567
WEST POINT		1,451
BORDEN		120
CAPE EGMONT		334

Wharf	Trips Spring	Trips Summer/Fall
EGMONT BAY		627
HIGGINS WHARF		459
TOTAL	48,413	10,763

*Prior to 2017, SeaCow Pond and Tignish Run data was included with Skinners Pond data. Table 6 –
Number of Trips per Wharf in Eastern New Brunswick

Wharf	Trips Spring	Trips Summer/Fall
NEW MILLS	614	
POINTE-VERTE	291	
PETIT-ROCHER	155	
MILLER BROOK WHARF	236	
STONEHAVEN	1,229	
GRANDE-ANSE	18	
ANSE-BLEUE	294	
CARAQUET	151	
BAS CARAQUET	395	
SHIPPAGAN	156	
SAVOY LANDING	88	
LAMEQUE	58	
PETIT SHIPPAGAN	941	
MISCOU HARBOUR	2,730	
PIGEON HILL	1,382	
STE MARIE/ST.RAPHAEL	588	
INKERMAN	547	
LE GOULET	497	
TRACADIE	90	
VAL-COMEAU	2,286	
MCEACHERN'S POINT	1,761	
BAS-NEGUAC	347	
NEGUAC	1,849	
BURNT CHURCH	1,184	
BAIE STE ANNE	35	
ESCUMINAC	3,947	
POINTE-SAPIN		2,224
LOGGIECROFT		1,202
CAP ST. LOUIS		1,070
RICHIBUCTO		1,624
CAP LUMIERE		1,397
COTE STE. ANNE/CHOCKPISH		673
ST. EDOUARD		361
ST. THOMAS		233
COCAGNE BAR		486
CAISSIE'S CAPE		603
ROBICHAUD		272
LES ABOITEAUX		985
BAS CAP PELE		276

Wharf	Trips Spring	Trips Summer/Fall
BOUCTOUCHE		62
PETIT CAP		724
BOTSFORD		1,133
CAPE TORMENTINE		545
POINTE DU CHENE		160
TOTAL	24,093	11,806

Table 5 - Number of Trips per Wharf in Gulf Nova Scotia

Wharf	Trips Spring	Trips Summer/Fall
NORTHPORT		48
PUGWASH		332
BARRACHOIS	308	
CARIBOU/FERRY WHARF	2,050	
CAPE JOHN	555	
TONEY RIVER	1,109	
SKINNER'S COVE	464	
LOGAN'S POINT	777	
PICTOU ISLAND WEST	221	
BIG ISLAND	48	
LISMORE	1,426	
LITTLE HARBOUR	567	
PICTOU LANDING	777	
ARISAIG	1,139	
BALLANTYNE'S COVE	1,052	
BAYFIELD	764	
HAVRE BOUCHER	514	
LIVINGSTONE'S COVE	309	
TRACADIE	62	
BARRIOS BEACH	376	
CRIBBONS POINT	1,201	
PUGWASH	399	
MALAGASH	224	
WALLACE	712	
CHETICAMP	1,415	
GRAND ETANG	1,197	
MARGAREE HARBOUR	1,398	
PLEASANT BAY	755	
CREIGNISH	8	
FINLAY POINT	558	
INVERNESS	860	
LITTLE JUDIQUE HARBOUR	474	
LITTLE JUDIQUE PONDS	456	
MABOU HARBOUR	300	
MURPHY'S POND	1,156	
PORT HOOD	35	

Wharf	Trips Spring	Trips Summer/Fall
BAXTER'S COVE	533	
AULD'S COVE	301	
TOTAL	24,500	380

Discussion with Associations:

As noted in the Approach/Conduct section, the fishermen's associations received a notice of the study in February. To seek their early perspective, a teleconference with a small number of representatives of the NS Associations was conducted on 24 April and meetings took place with Prince Edward Island Fishermen's Association/Maritime Fishermen's Union on May 22/May 23 respectively. The associations expressed concerns regarding the challenges of implementing dockside monitoring without delaying their offload times and were not supportive of an initiative that would increase costs to the fishers. They also stressed the importance of implementing ELOG as quickly as possible to allow efficient, timely capture and transfer of information. The associations also stated that changes to current practices should involve all maritime regions, not only the Gulf Region.

Analysis:

The analysis reviews the number of licences and the number of trips by province. PEI (43 % of the licences/49.3 % of the trips), has the busiest lobster fishery, followed by NB (37.3 % of the licences/29.9 % of the trips) and NS (19.7 % of the licences/20.8 % of the trips).

Of the 125 ports, 48 ports (38 in the Spring lobster fishery and 10 in LFA 25 Summer/Fall lobster fishery) had over 1000 trips in 2016, with Tignish Run being the busiest port with over 6,000 trips. These 48 ports account for over 76% of the total number of trips in the lobster fishery.

The one piece of information not available in any data base is the number of participants, which is defined as licence holder plus number of helpers (crew). There are over 23,000 registered commercial fishers in the Gulf Region, but there is no information available that breaks down the fishery by each registered fisher. It is acknowledged that the number of helpers per lobster boat is usually one or two but can be more than two for larger boats or when there is a bigger workload for laying traps or banding during busy periods.

To get a reasonable estimate of the total number of participants the number of licences was multiplied by 2.5. Using this methodology, with 2960 active licences it is assessed that there are approximately 7400 participants in the Gulf Region lobster fishery.

Task 2.1.2 - Review the current Dockside Monitoring Program and identify the gaps to proceed with lobster catch monitoring

This goal of this task is to review the DMP to identify if the current DMPs have capacity to provide the service and to identify minimum number of fishers needed at each wharf. To determine the perspective of the DMCs, the Lobster Study Consultant conducted face-to-face or telephone discussions with representatives from each of the six companies operating in the Gulf Region as follows:

- NS - Cheticamp Monitoring: Telephone discussion with P. Desveaux on March 7, 2018;
- NB - Pèse-Pêche Inc.: Meeting with S. Chiasson on March 15, 2018;
- PEI - Island Weigh 95 Inc.: Meeting with T. Arsenault, B. Gaudet on March 19, 2018;
- PEI - Sea Tracker Dockside Monitoring: Meeting with R. Doyle on March 19, 2018;
- NB - Seefish Dockside Monitors: Meeting with M. Leeman, R. Maillet on March 20, 2018; and
- NS - Atlantic Catch Data Yarmouth Office: Meeting with A. Gaudet on March 22, 2018. (Atlantic Catch Data provides monitoring services for the Gulf Region from its office in Pictou. The manager of the Pictou office was not available during the on-site visit period but has been consulted during the study.)

7 The representatives were supportive of implementing dockside monitoring for the Gulf Region lobster fishery while acknowledging that this initiative will likely be challenging. To summarize the perspective of the DMCs, the main points addressed were grouped into the following four subject areas;

1. People;
2. Data Entry and Logbook;
3. Costs and charges; and
4. Implementation.

1. **People.** DMCs identified the biggest challenge associated with an implementation of catch monitoring in the lobster fishery is the increased demand for people to conduct the dockside monitoring and to enter the data into the GFIS. DMCs have emphasized that the difficulty in finding, training, hiring and retaining observers has always been, and will continue to be, a reality for each of these companies, even before considering the implications of the workload associated with implementing catch monitoring in the lobster fishery. It was noted that most of the companies have a solid core of reliable observers who provide stability year after year. The typical core observer is often either retired or has another job that offers flexibility in working odd hours. It was also noted that the length of the season makes it difficult for university students who are seeking employment from May to August.

An additional observation was the amount of time required to receive the designation for a trained dockside observer. Dockside observer training is completed in one week. After monitoring five offloadings alongside an experienced and designated dockside observer, the candidate is qualified to assume duties. The granting of a temporary designation to an observer while the formal paperwork is being processed through the bureaucratic channels would help in putting the observers to work quickly and reduce the likelihood that they will have found another job once the final certification has been received by the DMC.

DMCs also identified the challenge in finding individuals who could fulfill the observer role without connections to the fishing industry and in a conflict of interest position. To mitigate this issue, an Interim Protocol on Mitigation of Conflicts of Interest in the At-Sea Observer and Dockside Monitoring Programs was approved by the National Director General of Conservation and Protection (C & P) in April 2017. This interim protocol provides clear direction regarding conflict of interest and mitigation procedures such as ensuring that an observer does not observe or monitor the offload of a vessel involving a family member or in a location where family operates a vessel. This approach will enable applicants to work as observers despite a connection to the fishing industry.

While there will be an increased demand for dockside observers staff, this demand was not quantified during the initial discussions. To quantify this requirement, the following factors were considered:

- the number of trips per port for the major ports (at least 300 arrivals in the season);
- an estimate of 15 minutes per weigh-out per boat. (DMC staff and DFO personnel have indicated that a maximum of 10 minutes to offload a boat is the norm); and
- the busy period for arrivals to offload catch is the five-hour period from 10 AM to 3 PM.

Assuming the boats will make approximately 35-50 trips per season, one can calculate the average number of arrivals/offloads per day in each port. With an estimate that an observer will monitor four offloads per hour, each observer could complete 20 offloads during the busy five-hour period. It is understood that the observers will likely be required for more than five hours, however, this calculation would allow for sufficient observers during this busy period. An assessment of the required number of dockside observers required for PEI, ENB and GNS is shown in the tables below based on an approximate average of 50 trips per boat for PEI, 35 trips per boat for NB and 45 trips per boat for NS.

Table 6 - PEI Observer Requirement – Spring Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
NAUFRAGE	3,185	64	3
NORTH LAKE	4,111	82	4
RED HEAD	1,405	28	1
SAVAGE HARBOUR	1,614	32	2
SEACOW POND	2,019	40	2
TIGNISH RUN	6,082	122	6
NORTHPORT	3,857	77	4
MALPEQUE	1,304	26	1
LENNOX ISLAND	917	18	1
MILLIGAN'S WHARF	1,135	23	1
FRENCH RIVER	1,502	30	2
NORTH RUSTICO	1,636	33	2
COVEHEAD	638	13	1
TRACADIE	1,109	22	1
NINE MILE CREEK	462	9	1
WOOD ISLAND	577	12	1

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
BEACH POINT	2,894	58	3
GEORGETOWN	1,469	29	1
LAUNCHING	1,950	39	2
MONTAGUE	366	7	1
STURGEON	356	7	1
GRAHAM'S POND	2,162	43	2
MACHON POINT	1,460	29	1
SOURIS	1,794	36	2
ANNANDALE	1,855	37	2
FORTUNE	1,124	22	1
			49

Table 7 - PEI Observer Requirement – LFA 25 Summer/Fall Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
HOWARD'S COVE	2,280	46	2
MIMINEGASH	1,925	39	2
SKINNER'S POND	3,567	71	4
WEST POINT	1,451	29	2
CAPE EGMONT	334	7	1
EGMONT BAY	627	13	1
HIGGINS WHARF	459	9	1
			12

Table 10 - ENB Observer Requirement – Spring Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
NEW MILLS	614	18	1
BAS CARAQUET	395	11	1
STONEHAVEN	1,229	35	2
PETIT SHIPPAGAN	941	27	2
MISCOU HARBOUR	2,730	78	4
PIGEON HILL	1,382	39	2
STE MARIE/ST RAPHAEL	588	17	1
INKERMAN	547	16	1
LE GOULET	497	14	1
VAL-COMEAU	2,286	65	3
BURNT CHURCH	1,184	34	2
BAS NEGUAC	347	10	1
NEGUAC	1,849	53	3
MCEACHERN'S POINT	1,761	50	3
ESCUMINAC	3,947	113	4
			31

Table 11 - ENB Observer Requirement – LFA 25 Summer/Fall Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
LOGGIECROFT	1,202	34	2
POINTE SAPIN	2,224	64	3
CAP ST LOUIS	1,070	31	2
CAP LUMIERE	1,397	40	2
RICHIBUCTO	1,624	46	2
CAISSIE'S CAPE	603	17	1
ST EDOUARD	361	10	1
COCAGNE BAR	486	14	1
COTE STE ANNE/CHOCKPISH	673	19	1
LES ABOITEAUX	985	28	2
CAPE TORMENTINE	545	16	1
PETIT CAP	724	21	1
BOTSFORD	1,133	32	2
			21

Table 12 - GNS Observer Requirement – Spring Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
BARRACHOIS	308	7	1
CARIBOU/FERRY WHARF	2,050	46	2
CAPE JOHN	555	12	1
TONEY RIVER	1,109	25	1
SKINNER'S COVE	464	10	1
LOGAN'S POINT	777	17	1
LISMORE	1,426	32	2
LITTLE HARBOUR	567	13	1
PICTOU LANDING	777	17	1
ARISAIG	1,139	25	1
BALLANTYNE'S COVE	1,052	23	1
BAYFIELD	764	22	1
HAVRE BOUCHER	514	11	1
LIVINGSTONE'S COVE	309	7	1
BARRIOS BEACH	376	8	1
CRIBBONS POINT	1,201	27	2
PUGWASH	399	9	1
WALLACE	712	16	1
CHETICAMP	1,415	31	2
GRAND ETANG	1,197	27	1
MARGAREE HARBOUR	1,398	31	2
PLEASANT BAY	755	17	1
FINLAY POINT	558	12	1
INVERNESS	860	19	1
LITTLE JUDIQUE HARBOUR	474	11	1
LITTLE JUDIQUE PONDS	456	10	1
MABOU HARBOUR	300	7	1
MURPHY'S POND	1,156	26	2
BAXTER'S COVE	533	12	1
AULD'S COVE	301	7	1
			36

Table 13 - GNS Observer Requirement – Summer/Fall Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
PUGWASH	332	7	1
			1

The resulting estimate of # of observer requirement is as follows:

- Spring Season (49 in PEI, 31 in NB, and 36 in NS); and
- Summer/Fall Season (12 in PEI, 21 in NB, and 1 in NS).

These figures are an estimate to provide monitoring services for the ports with over 300 landings in the season, with the acknowledgement that additional observers will also be required in the smaller, less busy ports. In discussing these estimates with DMCs, it was noted by the DMCs that one needs to take into consideration the number of landing stations/the number of buyers for each port to get a more accurate estimation. This information was collected, and the assessment of staff requirements is addressed in Task 2.1.4.

Additional staff for data entry for the likely increased demand was not quantified during the initial review, but DFO staff considered this increase could be more easily managed than the demand for observers. An assessment of staff requirements for data entry is also addressed in Task 2.1.4.

For other fisheries that have a DMP, the DMC office staff responsible for data entry also receive the initial hail-in call from the boat captain. The majority of the DMCs indicated that using a traditional hail-in protocol would not be feasible given the volume associated with lobster boat arrivals. Several referred to the fall herring model where the buyer calls the DMC with the arrival time of the first boat and expected total number of boats and the DMC sends the required number of observers to the port. This fall herring model solution might not work given the large number of lobster boats involved. This solution and any other potential solutions would have to be closely monitored to ensure that the integrity and delivery of the DMP is not jeopardized. When the electronic log (ELOG) is fully implemented, hail-ins may no longer be required, particularly since most vessels depart and return on the same day. The importance of using technology to enhance data exchange while reducing paperwork and staff requirements was also emphasized by DMCs.

2. Costs and Charges. It was agreed by all DMCs that the fishers should pay a fee for the services either as a lump sum at the outset or an amount for each landing. Most DMCs envisage that the buyers would also pay an amount as a lump sum or rate by the hour. Current practice is for price details to be negotiated between the DMCs and the fishers/buyers. Costs are outlined under Task 2.1.5.

3. Data Entry and Log Book. DFO identified that the current logbook used by lobster fishers does not collect sufficient data. To ensure the necessary data is collected, it was recommended that the current log book be revised to provide a section for Weigh-Out information and Verification/Confirmation/Signature by the Dockside Observer. Although not a requirement from the DMC perspective, DFO has stated that information from the fishers should include:

- How much lobster is taken out of the water;
- # of traps; and
- Where the lobster was taken (Lat/Long or grid).

While the first two items are accounted for in the current log book, the third item – which is only broken down into which half/third/quarter of the LFA the captain fished – needs to be improved, either with a latitude/longitude or a grid (similar to what is in use in LFA 36/LFA 38 in the Maritimes Region) that further refines where the lobster are being caught. The installation of a Vessel Monitoring System

(VMS) on lobster boats would provide accurate positional information like boats fishing other species. Further discussion regarding the log book is addressed in Task 2.1.3.

4. Implementation. While the DMCs agreed that the implementation should be progressed in a staged, timely fashion, not all companies indicated that the staging should necessarily include a steady increase in percentage of monitoring over time. One recommendation was to conduct a pilot project in one LFA or LFA sub-section funded by DFO. Another recommendation was that DMCs simply identify different ports for focus and send the required number of observers to conduct the monitoring for certain periods: this approach would help to alleviate the expected challenges in finding sufficient staff. Another stakeholder suggested having the DMCs do all the data entry during the first year while preparing for monitoring the second year. Overall, a phased approach to implementation in a staged, timely fashion was generally agreed by most stakeholders.

To address the issue of the minimum number of fishers needed at each wharf, it was recommended that there should be designated ports for offloading to alleviate the challenge in providing observers for every port with a small number of fishers. The large number of ports in the region, coupled with the fact that some ports have a small number of fishers points to the reality that achieving 100% catch monitoring in the lobster fishery is a significant challenge. It is likely that designating ports for offloading would be a challenge for some fishers and may have an impact on funding for small harbours if they were not used.

In summary, it was identified that the current DMP does not have the capacity to provide monitoring service for the lobster fishery and would need some augmentation to meet this requirement. The extent of the gap in capacity and potential solutions are addressed in Task 2.1.4. Once the decision is made by DFO on how to proceed, DMCs will need to be proactive in adapting their business models to meet the monitoring demands in an efficient and cost-effective manner. Additionally, DFO would require more due diligence from DMCs while overseeing the companies' transition to increased monitoring responsibilities for the lobster fishery. Companies would need to map their current business processes, in order to implement necessary changes to manage this significant increase in activities. Changes could be facilitated with support from The Atlantic Fisheries Fund, which provides support for innovations that help increase productivity, quality and sustainability in the fish and seafood sector.

Development


Task 2.1.3 - Develop an implementation plan that will ensure that the lobster Catch Monitoring data system includes data that will be entered in the DFO informatics system: Gulf Fishery Information System (GFIS), which is Oracle base for now.

The goal of this task is to provide the common factors and details for the development of a catch monitoring implementation plan. This plan takes into consideration the lobster catch monitoring data system which includes data that will be entered in the DFO informatics system, GFIS, including landings and logbook data. The potential new system that will be implemented (current timeline of 2020) due to the Ecosystem Fisheries Management Systems Integration was also considered.

As part of the current DMP for other species, vessels are required to hail-in to a DMC. The DMC receiving the call will complete a hail-in sheet with the information passed by the boat captain, which will include the estimated weight of the catch and estimated time of arrival at a specified port. The DMC will assign a dockside observer to arrive at the port 15 minutes prior to the boat's offloading time. The observer will follow the procedures outlined in the DFO publication National Dockside Monitoring Program Policy and Procedures which include verifying the weight of the catch, confirming that all fish have been offloaded from the vessel, signing the log book, and taking the DMC copy of the log book sheet to the DMC office where the required information is entered into the GFIS.

While the standard procedures for the vessel arriving at port to offload the catch will not change significantly for dockside monitoring for the lobster fishery, it is not considered feasible to use a hail-in protocol for lobster due to the size and complexity of this industry. The requirement to hail-in may be feasible when a fishery has a relatively small number of vessels or if the vessels conduct trips over several days. In the case of the lobster fishery where, during the spring season, there will easily be well over 1500 vessels landing their catch each day, the DMCs would be overwhelmed without some form of automated call centre capability. As mentioned in Task 2.1.2, it would be simpler and more efficient if the buyers call the DMC with the arrival time of their first boat and expected total number of boats, and the DMC sends the required number of observers to the port. However, without the buyers maintaining accurate arrival information and timely assignment of observers by the DMCs, the integrity of the DMP could be adversely affected or delays in offloading the catch could be encountered. Due to the short duration of the two Gulf Region lobster fishing seasons, most fishers will try to maximize their number of trips when the conditions are suitable. While there will be daily fluctuations in the activity in each port, it is expected that the DMCs would soon gain an understanding of the average amount of activity and allocate their resources accordingly.

With the implementation of a catch monitoring program, data entry into the GFIS could be straightforward and very similar to what the DMCs currently do for other species. The difference with the lobster industry will be in the volume of data resulting from up to 120,000 trips. The other significant aspect regarding data entry is that the current lobster log book does not provide the necessary information required to be entered into GFIS.



Ministère des Pêches et des Océans
Fisheries and Oceans

Lobster fishery logbook
Journal de bord - Pêche du homard

No. L 0008876

Licence holder Name
Nom du titulaire du permis _____

Lobster Licence No.
No. de permis du homard _____

Vessel Name
Nom du bateau _____

Vessel Registration Number (VRN)
Numéro d'immatriculation du bateau (VRN) _____

Logbook Zone
Zone de Journal de Bord _____

Date (YY-MM-DD) (JJ-MM-AAAA)	Landing Port Port de débarquement	Fishing Location (see map) Lieu de pêche (voir carte)	Traps / Crevasses		Catch estimates in lbs., rounded and/or used for bait Estimer des captures en lbs. débarquées et/ou utilisées pour appât				Comments (Optional) Commentaires (Optionnels)
			# Hauled # levés	Soak days Jrs. Imm.	Lobster / Homard	Rock crab Crev. commun	Cunner Fardie	Sculpin Ochotona	
					Canner Petit	Market Gros			

Licence holder/signer
Titulaire du permis/signataire désigné _____

Signature _____

Figure 2 - Sample Page - Current Lobster Log Book

As shown above, the current lobster fishers log book used has sections that contain the following information:

1. Licence Holder Name;
2. Lobster Licence No.;
3. Vessel Name;
4. Vessel Registration No. (VRN);
5. Logbook Zone (lobster fishing are where the fishing occurs – see map below);
6. Date (date fished);
7. Landing Port;
8. Fishing Location - i.e. 23-A, 23-B, 23-C, 23-D, 24-1, 24-2 etc. (see map below);
9. Number of Traps Hauled;
10. Soak Days (number of days the traps were in the water);
11. Catch Estimates for lobster (canner/market), rock crab, cunner and sculpin (include used bait);
12. Comments (Optional); and
13. Signature of Licence Holder.

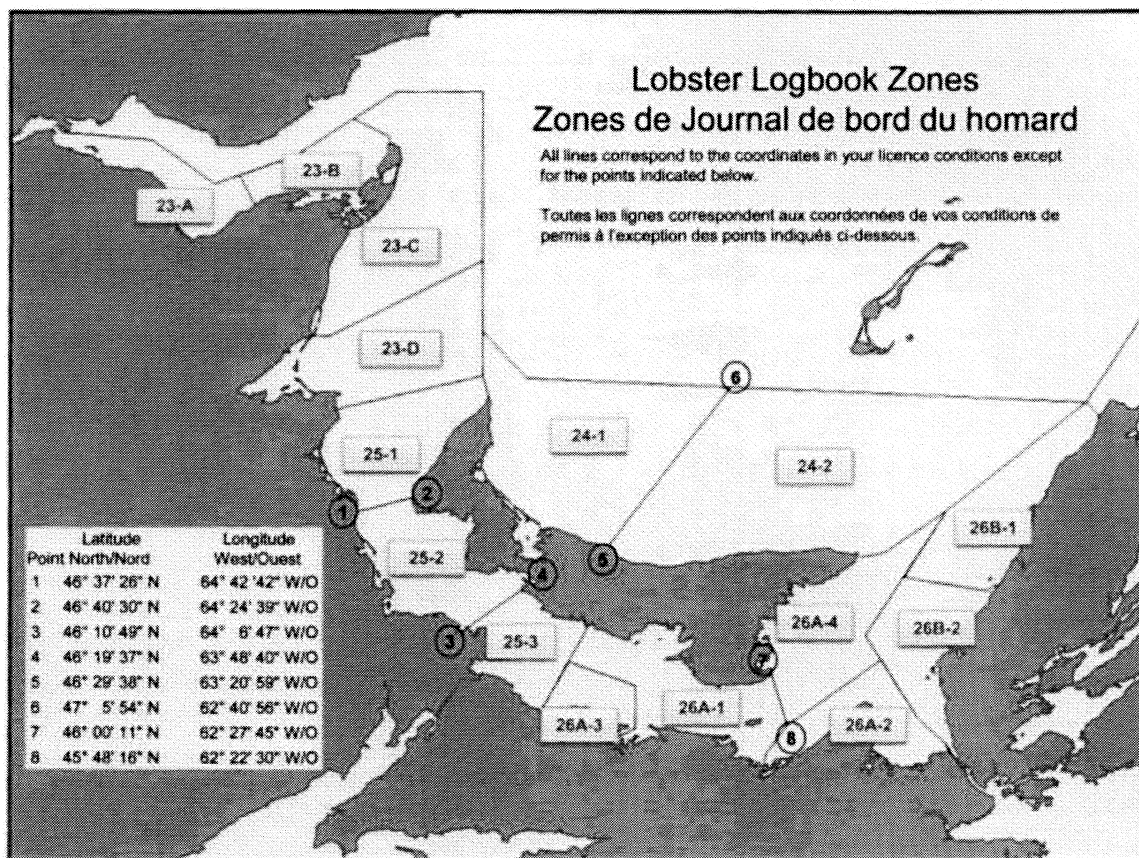


Figure 3 - Lobster Log Book Zones

Each page of the log book has space to cover seven days and instructions state that the reports are to be mailed weekly to the Statistics Division. However, current licence conditions state that the log sheets are to be mailed every month. As a result, some fishers still send a copy every week, while others send in their sheets once a month.

To ensure a composite collection of information to support catch monitoring as required by DFO, sections that would need to be added to the log book with the implementation of catch monitoring includes:

1. Weigh out Information (date sold/buyer/actual weight/price);
2. More precise fishing location information with coordinates (Latitude/Longitude) or the use of a grid system; and
3. Dockside Observer signature/confirmation number.

It has been emphasized by DFO that complete and integrated information on catch and fishing location from the fishers is required to properly assess lobster stocks and the fishery status. In the current log book, fishing location is only divided into which half/third/quarter of the LFA was fished. DFO stated

that this information is not considered sufficient and needs to be improved, either with VMS, Latitude/Longitude or a grid that further refines where the lobster is being caught. The implementation of this type of grid system would require the services of a geographical information system (GIS) technician.

An additional section to report the number of crew including the captain could also be added to contribute to an accurate figure for total number of participants.

The amended log book could continue to cover seven days or be expanded to cover up to a month.

The decision regarding the final format should consider the future ELOG. Once DMP implemented and the ELOG is used by all fishers, the data entry task will no longer be undertaken by the DMCs as the weigh-out information would be verified by the dockside observer and could be automatically entered into the GFIS.

In summary, catch monitoring in the lobster fishery would work with the similar procedures to other fisheries except for the hailing in requirements for each individual fisher. Additionally, either or both the current log book and future ELOG would need to be amended to include weigh out data that could be entered after entering the port with accompanying signature blocks and more precise fishing location information. An amended log book should reflect the information that will be included in the ELOG for the lobster fishery to enable a future transition to ELOG.

Specific options for the implementation of catch monitoring are examined in the Options Analysis section of this report.

Task 2.1.4 - Provide Recommendation of Staffing Requirements.

The goal of this task is to review current staff requirements and compare the use of college/university students, current or new monitoring company employees, and DFO's staffing capacity in the implementation of catch monitoring.

In addressing this task, the two areas of consideration for the DMCs were the requirement for dockside observers and data entry staff. Additionally, from the DFO perspective, the implementation of catch monitoring will impact the Statistics Division with a potential increase in data management and more demand of C & P services as noted below.

Dockside Observers

The most significant challenge associated with the implementation of catch monitoring in the Gulf Region lobster fishery is the increased demand for resources to conduct the dockside monitoring and the change in the DMCs' business model that this would entail. The initial discussions with the DMCs confirmed that there would be a significant demand for observers, but this number is difficult to quantify. As outlined in Task 2.1.2, an initial estimate was developed by assessing the average number of landings per day for the major ports assuming four landings could be monitored each hour by a dockside observer. This estimate resulted in a requirement for 116 observers for the spring season and 34 observers for the Summer/Fall season which is roughly in line with the current observer cadre (approximately 100).

During the on-site visits, the DMCs indicated that the current number of resources for dockside monitoring is insufficient to address a 100% catch monitoring regime. DMCs and the Area Offices recommended considering the number of buying stations at each port as a foundation for calculating the requirement for observers with one observer required to monitor each buying station, particularly at the busiest ports. To provide an estimate of dockside monitoring resources, the data for buyers and buying stations was obtained primarily with the help of the Area Offices, information from DFO Statistics and some harbour authorities. The tables below provide the results of these calculations for each Gulf administrative area for the spring and summer/fall fishing seasons.

Table 14 - Spring Season Observer Estimate – PEI

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
NAUFRAGE	3,185	72	7	7	7
NORTH LAKE	4,111	88	11	12	12
RED HEAD	1,405	32	4	4	4
SAVAGE HARBOUR	1,614	24	3	3	3
SEACOW POND	2,019	49	2	2	2
TIGNISH RUN	6,082	134	3	4	4
NORTHPORT	3,857	80	2	2	2
DARNLEY	129	6	0	0	0
ELLERSLIE	50	5	0	0	0
MALPEQUE	1,304	30	3	3	3
LENNOX ISLAND	917	23	2	2	2

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
MILLIGAN'S WHARF	1,135	26	3	3	3
FRENCH RIVER	1,502	34	4	4	4
NORTH RUSTICO	1,636	36	3	3	3
STANLEY BRIDGE	75	2	1	1	1
NEW LONDON	275	6	1	1	1
COVEHEAD	638	14	2	2	2
TRACADIE	1,109	22	3	3	3
NINE MILE CREEK	462	11	2	2	2
VICTORIA	43	3	0	0	0
PINETTE	51	1	1	1	1
WOOD ISLAND	577	11	2	2	2
MACAULAYS WHARF	293	6	1	1	1
BEACH POINT	2,894	68	5	5	5
GEORGETOWN	1,469	31	2	2	2
LAUNCHING	1,950	41	4	4	4
LOWER MONTAGUE	163	4	1	1	1
MONTAGUE	366	8	1	1	1
NEWPORT	104	2	0	0	0
STURGEON	356	7	1	1	1
GRAHAM'S POND	2,162	47	3	3	3
MACHON POINT	1,460	41	1	1	1
MINK RIVER	247	7	1	1	1
SOURIS	1,794	34	5	5	5
ANNANDALE	1,855	38	3	3	3
FORTUNE	1,124	20	2	2	2
	48,413	1063	89	91	91

Table 15 - Summer/Fall Season Observer Estimate – PEI

Wharf	Ports	Licences	Buyers	Buying Stations	Observers
HOWARD'S COVE	2,280	39	3	3	3
MIMINEGASH	1,925	40	3	3	3
SKINNER'S POND	3,567	73	2	2	2
WEST POINT	1,451	28	4	4	4
BORDEN	120	3	0	0	0
CAPE EGMONT	334	6	2	2	2
EGMONT BAY	627	12	2	2	2
HIGGINS WHARF	459	10	2	2	2
	10,763	211	18	18	22

Table 16 - Spring Season Observer Estimate - ENB

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
NEW MILLS	614	15	1	1	1
POINTE-VERTE	291	21	1	1	1
PETIT-ROCHER	155	16	2	2	1
MILLER BROOK WHARF	236	22	2	2	2
STONEHAVEN	1,229	29	3	3	3
GRANDE-ANSE	18	2	0	0	0
ANSE-BLEUE	294	20	0	0	0
CARAQUET	151	17	1	1	1
BAS CARAQUET	395	18	2	2	2
SHIPPAGAN	156	12	2	2	2
SAVOY LANDING	88	5	2	2	2
LAMEQUE	58	1	0	0	0
PETIT SHIPPAGAN	941	22	2	2	2
MISCOU HARBOUR	2,730	65	5	6	6
PIGEON HILL	1,382	60	5	8	8
STE MARIE/ST.RAPHAEL	588	24	4	6	4
INKERMAN	547	17			1
LE GOULET	497	53	5	5	5
TRACADIE	90	5			1
VAL-COMEAU	2,286	42	4	4	4
MCEACHERN'S POINT	1,761	38	6	6	6
BAS-NEGUAC	347	18	0	0	0
NEGUAC	1,849	49	3	3	3
BURNT CHURCH	1,184	30	2	2	2
BAIE STE ANNE	35	1			0
ESCUMINAC	3,947	81	3	5	5
	21,869	683			62

Table 17 - Summer/Fall Season Observer Estimate - ENB

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
POINTE-SAPIN	2,224	71	5	5	5
LOGGIECROFT	1,202	35	5	5	5
CAP ST. - LOUIS	1,070	37	4	4	4
RICHIBUCTO	1,624	68	6	6	6

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
CAP LUMIERE	1,397	40	3	2	2
COTE STE. ANNE/CHOCKPISH	673	25	2	2	2
ST. EDOUARD	361	13	2	2	2
ST. THOMAS	233	6	1	1	1
COCAGNE BAR	486	14	2	2	2
CAISSIE'S CAPE	603	13	2	2	2
ROBICHAUD	272	7	1	1	1
LES ABOITEAUX	985	24	2	2	2
BAS CAP PELE	276	7	0	0	0
BOUCTOUCHE	62	2			1
PETIT CAP	724	21	3	3	3
BOTSFORD	1,133	24	3	3	3
CAPE TORMENTINE	545	11	2	2	2
POINTE DU CHENE	160	4			1
	14,030	422			44

Table 18 - Spring Season Observer Estimate – GNS

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
BARRACHOIS	308	7	1	1	1
CARIBOU/FERRY WHARF	2,050	47	3	3	3
CAPE JOHN	555	12	3	3	3
TONEY RIVER	1,109	23	2	2	2
SKINNER'S COVE	464	10	2	2	2
LOGAN'S POINT	777	34	1	1	1
PICTOU ISLAND WEST	221	10	1	1	1
BIG ISLAND	48	1	1	1	1
LISMORE	1,426	31	2	2	2
LITTLE HARBOUR	567	12	1	1	1
PICTOU LANDING	777	18	2	2	2
ARISAIG	1,139	24	2	2	2
BALLANTYNE'S COVE	1,052	22	3	3	3
BAYFIELD	764	18	2	2	2
HAVRE BOUCHER	514	12	3	3	3
LIVINGSTONE'S COVE	309	5	2	2	2
TRACADIE	62	3	3	3	3
BARRIOS BEACH	376	9	2	2	2
CRIBBONS POINT	1,201	26	3	3	3
PUGWASH	399	10	3	3	3

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
MALAGASH	224	5	1	1	1
WALLACE	712	17	2	2	2
CHETICAMP	1,415	31	3	3	3
GRAND ETANG	1,197	25	4	4	4
MARGAREE HARBOUR	1,398	28	4	4	4
PLEASANT BAY	755	17	2	2	2
CREIGNISH	8	3	2	2	2
FINLAY POINT	558	14	2	2	2
INVERNESS	860	22	3	3	3
LITTLE JUDIQUE HARBOUR	474	11	2	2	2
LITTLE JUDIQUE PONDS	456	10	1	1	1
MABOU HARBOUR	300	10	3	3	3
MURPHY'S POND	1,156	27	3	3	3
PORT HOOD	35	1	1	1	1
BAXTER'S COVE	533	11	1	1	1
AULD'S COVE	301	8	2	2	2
	24,500	574	78	78	78

Table 19 - Summer/Fall Season Observer Estimate – GNS

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
NORTHPORT	48	1	1	1	1
PUGWASH	332	9	3	3	3
	380	10	4	4	4

Based on the above statistics, it was assessed that the number of buying stations in the Gulf Region is 231 for the spring season and 70 for the summer/fall season. Hence, using the recommended approach, the estimated requirement for observers for each area is summarized below:

- Prince Edward Island - 91 Spring/22 Summer/Fall;
- Eastern New Brunswick - 62 Spring/44 Summer/Fall; and
- Gulf Nova Scotia - 78 Spring/4 Summer/Fall.

Total – 231 Spring/70 Summer/Fall

Recognizing that these numbers do not consider fluctuations in the demand on a given day, or the efficiencies that would be developed over time, a 10% margin of error was introduced. As a result, the estimated number of observers required for 100% catch monitoring for the Gulf Region is assessed to be approximately 210-250 for the spring season and 60-80 for the summer/fall season depending on the location.

Currently, the DMCs employ approximately 90-100 dockside observers in the Gulf Region. Hence, to achieve 100% catch monitoring, significantly more observers would be required. It was noted during discussion with DMCs that some of the companies are already very busy during the lobster season with no surplus while others would be able to use some of their current staff to help handle the increased demand. There is the possibility to hire college/university students for the spring season, but these candidates would not likely be available for the Summer/Fall season due to academic commitments. Nevertheless, if sufficient observers are found for the spring season, it is possible that there would be sufficient numbers to manage the reduced requirement in the Summer/Fall. Current observers, who are not working or are not busy during the lobster season, could benefit also from this opportunity, and there will be some situations where an observer who is monitoring the landing of other species could also be able to monitor lobster at the same port, particularly if the same buyer is involved. These options will need further validation through other means like interviews or a survey which is outside the scope of this study.

Data Entry Staff

There is an impact on both DFO and DMC data entry staff with respect to data entry without ELOG in full operation. If the DMCs assume responsibility for all aspects of catch monitoring, it is highly likely that they will have to increase staff who enter the log book information into the GFIS. If DMCs were responsible for data entry, this situation would significantly decrease the data entry requirements of the Statistics Division which could enable an opportunity to shift more of the focus to data analysis.

Table 20 - DMC Staff Requirements - Data Entry

	Trips	Data Entry Time in Minutes	Data Entry Time in Hours	Data Entry Time in Days	Minimum # of Data Entry People Required
PEI Landings Spring	48,413	484,130	8,069	1,009	4
PEI Landings Summer/Fall	10,763	107,630	1,794	224	1
NB Landings Spring	25,295	252,950	4,216	527	2
NB Landings Summer/Fall	10,604	106,040	1,767	221	1
NS Landings Spring	24,500	245,000	4,083	510	2
NS Landings Summer/Fall	380	3800	63	8	0
Total	119,955	1,199,550	19,993	2,499	10

With an expected 120,000 trips per year and assuming it would take about 10 minutes to enter the data for each trip, it is estimated that entering lobster landing data into the GFIS would require at least 10 full-time staff for a year. The Statistics Division currently have four to five full time staff who are engaged in entering purchase slip data and also engages three part-time staff for four months to enter lobster log book data. While the number of DFO employees is slightly smaller than the estimate shown above, the six DMCs would all likely have to hire at least one additional person for data entry. With ELOG in the lobster fishery potentially starting next year, the implementation of the ELOG will reduce

the requirement for data entry staff. The implementation should not be conducted in isolation of catch monitoring and the outcomes will need to be closely monitored to understand the mutual impacts.

DFO Staffing Capacity

From the DFO perspective, the implementation of catch monitoring in the lobster fishery could impact C&P in the Area Offices and will affect the Statistics Division.

The implementation of lobster catch monitoring will likely see increased surveillance requirements or possibly a higher demand for investigations which could result in either a shift in focus from other species to lobster, or a possible requirement for additional staff in C & P to handle the workload.

As noted, the implementation of catch monitoring in the lobster fishery is suspected to have the most significant effect on the Statistics Division for data entry and management. The current process for data entry of lobster catch information is a time-consuming process that accounts for a significant amount of the workload in Statistics. The log book provides an estimate of the catch weight but does not provide the actual weight or the price received by the fisher. This information is gathered from the buyers' sales slips. As a result, key information that should be on one form is being sent to the Statistics Division by the buyer and fisher, requiring extra work to match up the information and resolve discrepancies.

Another challenge regarding lobster information is that the fishing effort and catch data do not match in the Gulf Fishery Information System as they do for other species where a DMP is in place. The capability to link the log book data with the weigh-out to a common trip ID number does not exist for lobster data. The ELOG and more efficient data capture could be introduced to rectify this situation. This work would likely take at least six months, but the timing for implementation and an assessment of associated costs will need to be confirmed by DFO. It must be noted that the timeframe for the implementation of ELOG reporting will influence the requirement for data entry. Once ELOGs are fully implemented in the lobster fishery, the data entry requirements will be significantly reduced. Additionally, if configured properly, the ELOG data submission would also provide the fishing location data required by DFO without any requirement to develop the grid system discussed in Task 2.1.3.

Once catch monitoring is fully implemented and data entry is performed by the DMCs or automatically transmitted through the ELOG, there is a potential benefit where the emphasis in the Statistics Division could shift from data input to ensuring data quality and conducting data analysis.

In summary, it is estimated that the implementation of catch monitoring in the Gulf Region lobster would require an addition of approximately 200-250 staff in the DMCs. From the DFO perspective, the Statistics Division will be affected in the transition phase as staff switch from data entry to data analysis and Informatics will likely require additional resources to implement the associated programming changes. After implementation the Statistics Division would be able to focus more on data management and analysis. Area Office C & P Divisions may require either additional staff or a shift in focus to handle a potential increase in enforcement or investigative activity.

Task 2.1.5 - Provide a Cost Analysis.

The goal of this task was to review a shared cost model in relation to industry led costs to provide a detailed implementation plan including phased-in options, and milestones.

The DFO estimate for a dockside monitoring pilot project for 2003 was approximately \$3 million or approximately 1.4% of the value of landings (\$209 million*).

Table 21 – DFO Cost Estimates for 2003 Pilot Project

Lobster Fishing Area	23	24	25	26A	26B
Number of Fishers	722	614	793	749	251
Number of Trips*	37,984	31,556	30,235	36,071	11,790
Avg # of Landings per Season	54	50	36	48	49
Cost for Weight Verification	\$540.00	\$500.00	\$360.00	\$480.00	\$490.00
Cost for Fisher for Data Entry	\$18.00	\$17.00	\$15.00	\$16.00	\$17.00
Total Cost per Fisher	\$558.00	\$517.00	\$375.00	\$496.00	\$517.00
Cost to Buyer per Fisher	\$540.00	\$500.00	\$360.00	\$480.00	\$490.00
Total Cost - Fishers and Buyers	\$1,098.00	\$1,017.00	\$735.00	\$976.00	\$997.00
Total Cost	\$792,756.00	\$624,438.00	\$582,855.00	\$731,024.00	\$250,247.00

*Based on 2001 data

In order to provide an updated and comparable cost analysis for this 2018 study, the same factors were used for this cost analysis: data entry costs and monitoring costs. The figures in Table 21 assumed a cost of \$20.00 per trip shared between the fishers and the buyers and a cost of \$15.00 to \$18.00 per fisher for data entry.

Considering inflation between 2001 and 2018 (134.4%), today's equivalent cost would be approximately \$34.00 per trip. This figure was approximately the same amount indicated for other species in anecdotal discussions with some of the DMCs. As it is understood that specific price arrangements will be resolved among the DMCs and their clients in each area, this analysis was conducted using a price of \$30-\$40 per trip for 120,000 trips, which includes approximately \$600,000 for data entry. The total number of landings is based on the 2016 number of 119,955 rounded up to simplify the analysis. The data entry estimate is based on approximately 20,000 hours of work as depicted in Table 16, which equates to \$5.00 per trip. If DMCs were to provide data entry services only, the cost was estimated to be approximately \$600,000.

The table below shows a corresponding decrease in data entry costs that are folded into the overall charge for the monitoring services. If the data entry work continued to be completed by DFO, the costs shown below would not factor into the assessment, but it is likely that some data entry following the dockside monitoring would be done by the DMCs.

The higher end cost of \$4.8 million (120,000 trips at \$40 per trip) equates to approximately 1.3% of the value of landings in 2016 (\$369 million).

Table 22 - Cost Estimates

Year	Data Entry	Monitoring	Total Program Cost
2019	\$540,000	10% - \$420,000 - \$540,000	\$960,000 - \$1,080,000
2020	\$450,000	25% - \$1,050,000 - \$1,350,000	\$1,500,000 - \$1,800,000
2021	\$300,000	50% - \$2,100,000 - \$2,700,000	\$2,400,000 - \$3,000,000
2022	\$150,000	75% - \$3,150,000 - \$4,050,000	\$3,300,000 - \$4,200,000
2023		100% - \$3,600,000 - \$4,800,000	\$3,600,000 - \$4,800,000

Although the standard in today's fisheries is that industry bears the cost of catch monitoring, DFO resources could be allocated to support the implementation process. As DFO funding in support of the implementation plan will be available for fiscal years 2019-2020 and 2020-2021, an option would be for DFO to assume responsibility for costs during the first year, share costs with industry in the second year and move to industry led costs in the third year and beyond. Using the higher end of the cost model, DFO would pay \$1,980,000 in the first two years. Industry would pay \$900,000 in the second year and have increasingly larger costs each year thereafter as the implementation moves towards 100% dockside monitoring.

Table 23 - DFO/Industry Payments

Year	Total Program Cost	DFO Share	Industry Share
2019	\$960,000 - \$1,080,000	\$960,000 - \$1,080,000	
2020	\$1,500,000 - \$1,800,000	\$750,000 - \$900,000	\$750,000 - \$900,000
2021	\$2,400,000 - \$3,000,000		\$2,400,000 - \$3,000,000
2022	\$3,300,000 - \$4,200,000		\$3,300,000 - \$4,200,000
2023	\$3,600,000 - \$4,800,000		\$3,600,000 - \$4,800,000

Considerations related to costs are discussed further in the Options Analysis section.

Best Practices

National and international research was conducted to search for best practices to further inform this study. Best practices that were applicable to the Lobster study are:

1. Mexico Study - Monitoring the Gulf of Mexico Commercial Reef Fish Fishery;
2. British Columbia - several case studies regarding the use of electronic monitoring/DFO IFMP Summary;
3. United States - Electronic Monitoring;
4. Norway - Institute of Marine Research (IMR);
5. Australia - Rock Lobster Fishery; and
6. New Zealand - Rock Lobster Management

Monitoring the Gulf of Mexico Commercial Reef Fish Fishery ¹noted the importance of having an electronic standardized template developed and implemented as soon as practicable and that the information from logbooks, dealer reports and VMS should be entered into a single system to allow for data merging, checking and reporting. The document also referred to electronic monitoring and the use of roving monitors.

Archipelago Marine Research, a provider of marine resource management products and services based in Victoria, BC, outlines several case studies regarding the use of electronic monitoring, including the Area A crab fishery in northern BC². The DFO IFMP Summary³ (Crab by Trap, Pacific Region) confirms that in 2013 commercial electronic monitoring programs expanded to include cellular vessel tracking in all areas, (except Area "A" where cameras are employed). Commercial camera electronic monitoring was also implemented in Area B in 2016.

In a United States based article entitled Electronic Monitoring: Different Fisheries Require Different Solutions, National Oceanic and Atmospheric Administration emphasizes that each fishery will have different requirements that will guide the optimum solution for electronic monitoring⁴.

Norway uses a Reference Fleet which is a small group of Norwegian fishing vessels that provide the Institute of Marine Research (IMR) with detailed information about their fishing activity and catches on a regular basis. Data captured by the Reference Fleet is used for management purposes including stock assessment.⁵

The Australian Department of Primary Industries and Regional Development⁶ describes the rock lobster fishery as an Individually Transferable Quota (ITQ) fishery with a harvest strategy that uses maximum economic yield as its management target. The total landings by the 226 commercial vessels in 2016

¹ <http://www.fao.org/tempref/docrep/fao/010/a1497e/a1497e26.pdf>

² <http://www.archipelago.ca/case-studies-fisheries-monitoring-technology/>

³ <http://www.pac.dfo-mpo.gc.ca/fm-gp/mplans/2018/crab-crabe-sm-2018-eng.pdf>

⁴ <https://www.fisheries.noaa.gov/feature-story/electronic-monitoring-different-fisheries-require-different-solutions>

⁵ <http://www.imr.no/temasider/referanseflaten/referanseflaaten/en>

⁶ [http://www.fish.wa.gov.au/Documents/sofar/status reports of the fisheries and aquatic resources 2016-17.pdf](http://www.fish.wa.gov.au/Documents/sofar/status%20reports%20of%20the%20fisheries%20and%20aquatic%20resources%202016-17.pdf) (pages 32-36)

were 6,095t. It has historically been Australia's most valuable single species wild capture fishery and, in 2000, became the first fishery in the world to achieve Marine Stewardship Council (MSC) Certification. In 2017 it was the first fishery globally to be certified by MSC for the fourth time. An important aspect to how western rock lobster has achieved this world-class status is the predictive science dating back half a century behind ensuring the sustainable management of the fishery. In the 1960s CSIRO scientist Dr Bruce Phillips developed a technique which allowed the capture of the puerulus (post-larval stage) of western rock lobster which has subsequently been used to accurately predict the catch up to four years in advance.⁷ Australia monitors commercial fishing through compulsory catch and effort records from fishers and processors, data from a voluntary log book scheme and onboard commercial monitoring by staff.⁸

An article by Tracy Yandle entitled Rock Lobster Management in New Zealand: The development of Devolved Governance⁹ states that there has been a consistent pattern of industry involvement in, and often initiation of, innovative management practices such as logbook programmes and electronic data collection and reporting programmes.

In summary, there are some aspects of these best practices that would not directly apply to the Gulf Region lobster fishery where there are no quotas, there are similar elements that can be found in many sustainable fisheries. These include the importance of continued dialogue/communication among all stakeholders, as the use of technology such as a Vessel Monitoring System (VMS), the implementation of ELOG and electronic catch monitoring.

⁷ <http://www.fish.wa.gov.au/Fishing-and-Aquaculture/Commercial-Fishing/Commercial-Fishing-Management/Pages/Case-Study.aspx>

⁸ <http://www.fish.wa.gov.au/Species/Rock-Lobster/Lobster-Management/Pages/default.aspx>

⁹ <http://www.fao.org/tempref/docrep/fao/010/a1497e/a1497e26.pdf>

Options Analysis

In conducting this study on the feasibility of fishery monitoring and catch reporting, two issues needed to be addressed: feasibility and if feasible, options for implementation. From a feasibility perspective, the implications included:

- 1) People – resources to support the Program;
- 2) Data Entry – capability to capture and analyze data;
- 3) Costs and Charges– Program costs and acceptance of charges; and
- 4) Implementation – ability to implement program over specific time period

Overall, it is feasible to implement a catch monitoring program based on the following:

- 1) People – sufficient resources can be sourced to support the Program. However, these resources need to be developed over time (and trained) to ensure successful implementation;
- 2) Data Entry – the current ability capability to capture and analyze data provides a foundation for catch monitoring, but more information and automation in data entry is needed to ensure the success of the Program;
- 3) Costs and Charges– a balance in Program costs and acceptance of charges will be needed. Program costs are easier to implement over time with budget planning and allocations. The balance between government and user pay costs needs further evaluation; and
- 4) Implementation – the ability to implement the Program over specific time periods is addressed below.

The following are possible options for implementing catch monitoring in the Gulf Region lobster fishery commencing in 2019:

1. Full 100% monitoring;
2. Partial monitoring (10%-100%);
3. Data entry only;
4. Pilot project in one LFA or sub-area of a LFA;
5. Delay Monitoring until 2020; or
6. ELOG

Option 1 - Full 100% Monitoring

This option calls for full dockside monitoring services in every port where lobster is landed with accompanying data entry.

Advantages:

- Supports recognition of requirement for catch monitoring by DMCs and DFO;
- There are no discrepancies in information - fishers/buyers throughout the region are operating under the same conditions;
- Increased employment opportunities in each province;
- Help identify trends, challenges and problems quickly; and
- Potential to reach desired end state of sustainable lobster fishery more quickly.

Disadvantages

- Risk that DMCs do not have time to develop new business model, potentially overwhelming DMCs in hiring/training/deploying sufficient observers to handle the increased workload;
- No backup if the DMCs fall short in recruitment;

- Greater potential for delays offloading the catch, thereby causing dissatisfaction among buyers/fishers; and
- Higher initial costs.

Option 2 - Partial Monitoring (commencing at 10%)

In this option, the DMCs commence dockside monitoring at an initial level of 10%. Consideration for this modest start as a stepped approach would provide a better chance for success and set the stage for phasing increased monitoring levels in subsequent years as capability and funding would support.

Advantages:

- DMCs can develop new business model
- DMCs don't need to hire/train/deploy as many observers at once;
- Ease toward achieving desired end state;
- Greater flexibility to move observers around to get the required coverage;
- Decreases the risk of failure;
- Decreases the likelihood of having delays in offloading and causing dissatisfaction among buyers/fishers; and
- Lower initial costs.

Disadvantages

- Higher likelihood of having missing/inaccurate catch data until full implementation is realized; and
- Incomplete information on catches could potentially impact analysis.

Option 3 - Data Entry Only

In this option, the DMCs do not provide dockside monitoring and use the fishers log book sheets to enter the landing data into GFIS.

Advantages:

- Provides greater lead time for DMCs to prepare for full catch monitoring;
- DMCs/fishers/buyers can establish a working relationship in dealing with the log entries;
- DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year;
- Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations; and
- Lower initial costs.

Disadvantages

- No verification of what is being caught for first year;
- Could adversely affect current arrangements in Statistics Division for part time data entry staff; and
- Greater likelihood of having missing/inaccurate catch data.

Option 4 - Pilot Project in One LFA/Sub LFA

In this option, only one area would be involved in dockside monitoring. The scope of the pilot project could be further reduced to a small number of ports in one LFA or each LFA throughout the Gulf Region.

Advantages:

- Allows testing of implementation plan on a smaller scale to provide lessons learned for smoother transition/implementation in the rest of the region;
- Reduced cost; and
- Allow DFO resources to focus on one area.

Disadvantages:

- May not be well received in the area selected for the trial;
- Will be challenging for DMCs in selected area;
- Delays overall implementation; and
- Would require a different log book; as a result, two different logs could be in use in the Gulf Region if the other areas do not use new log book.

Option 5 – Delay Monitoring until 2020

A possible variation would be to choose one of the five options but begin implementation in 2020 instead of 2019 to enable a longer lead time for preparation/consultation with stakeholders. A component of this option could include allocating funding to the DMCs to go to each port where they expect to provide services, observe the offloading of lobster, liaise with the fishers and buyers and gain a detailed understanding of the impact dockside monitoring will have on their businesses and how to best meet the challenges of the implementation.

Advantages:

- Provides greater lead time for DMCs to prepare for full catch monitoring;
- DMCs/fishers/buyers can establish a working relationship in dealing with the log entries;
- DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year;
- Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations; and
- Lower initial costs.

Disadvantages

- No verification of what is being caught for first year;
- Continued likelihood of having missing/inaccurate catch data.

Option 6 – Use of ELOG with Random Checks by Compliance Officers

This option, suggested by one of the associations, involves the use of ELOG to record and transfer fishery information in real-time and conduct random checks to ensure compliance/accuracy.

Advantages:

- ELOG, once configured to capture required fishery information and fully implemented, will provide required data in real time;
- Does not affect efficiency of offloading; and
- Takes away requirement for paper log book.

Disadvantages

- Except for the random checks, does not provide independent third-party verification;

- Potential increased costs to expedite implementation of ELOG; and
- There may be delays as DFO information systems are adapted for ELOG.

The six options were developed using four key factors that were identified through:

- 1) Interviews with DMCs and area offices;
- 2) discussions with DFO;
- 3) research of supporting documentation.

To provide a quantitative weighting analysis to these considerations, the following factors were developed, and a score assigned for each variable.

Factor 1 (TIME) - Time to achieve 100% monitoring. The desired end state is 100% monitoring, but it is not considered essential that this goal be achieved immediately. Weight Factor 1.

1 year = 5
 2 years = 4
 3 years = 3
 4 years = 2
 5 years = 1

Factor 2 (COST) - Cost to DFO during the first two years (2019-2020) assuming DFO assumes all costs during the first year and costs are shared between DFO and industry in the second year. Weight Factor 3.

Under \$1,000,000 = 5
 \$1,000,000 - \$2,000,000 = 4
 \$2,000,000 - \$3,000,000 = 3
 \$3,000,000 - \$4,000,000 = 2
 Greater than \$4,000,000 = 1

Factor 3 (RESOURCES) - Resources (observers) required in first year. Weight Factor 3.

Less than 10% = 5
 10% – 25% = 4
 25% – 50% = 3
 50% – 75% = 2
 Greater than 75% = 1

Factor 4 (PRESENCE) - It is considered important to have some monitoring activity. If this is the case in the first year a score of 5 is granted. If there is no monitoring activity in the first year, the score is 0.

To determine the overall score for each option the sum of the score for each Factor was calculated as follows: Option Score = (Factor 1 x Weight Factor 1) + (Factor 2 x Weight Factor 2) + (Factor 3 x Weight Factor 3) + (Factor 4 - Yes = 5, No = 0)

Table 24 - Factor Values for Each Option

Factor	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
TIME	1 Year	5 Years	5 Years	4 Years	5 Years	5 Years
COST TO DFO	\$7,200,000	\$1,980,000	\$1,140,000	\$1,340,000	\$840,000	\$1,980,000+
RESOURCES	100%	10%	0	100%*	0	0
PRESENCE	Yes	Yes	No	Yes	Yes	Yes

* 100% for selected LFA

+ Assuming 10% monitoring

Table 25 - Overall Score for Each Option

Factor	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
TIME	5 X 1 = 5	1 X 1 = 1	1 X 1 = 1	2 X 1 = 2	1 X 1 = 1	1 X 1 = 1
COST TO DFO	1 X 3 = 3	4 X 3 = 12	4 X 3 = 12	4 X 3 = 12	5 X 3 = 15	4 X 3 = 12
RESOURCES	1 X 3 = 3	5 X 3 = 15	5 X 3 = 15	1 X 3 = 3	5 X 3 = 15	5 X 3 = 15
PRESENCE	5	5	0	5	0	5
TOTAL SCORE	16	33	28	22	31	33

After examining the advantages and disadvantages of the options and conducting the quantitative analysis, the following options were completed. In this analysis, it was assumed that DFO accepts the cost for the first year and splits the cost with industry in the second year. Additionally, although it is understood that it may be preferred to continue having DFO Statistics responsible for data entry in the early stages of the implementation, to allow for consistency in the calculations, the assessed cost of data entry is included in the calculations.

Option 1 - Full 100% Monitoring – While this is the desired end state, it is not considered feasible for 2019 or in the near term. The overall cost to DFO would be \$7.2 million (\$4.8 million in 2019 and \$2.4 million in 2020). Industry cost would be \$2.4 million in 2020. The combination of hiring challenges expected for the DMCs, changes required to data input, and incorporation of a new log book while an ELOG may also be introduced would present too many obstacles to achieve success. This is the most expensive option and it places an unrealistic demand on resources. Although attaining the desired end state of full monitoring, it is not considered feasible.

Option 2 - 10%-100% Monitoring – With this option, it would likely take five years to achieve close to 100% monitoring. DFO cost would be \$1,080,000 in 2019 and \$900,000 in 2020 for a total of \$1.98 million. Industry cost would be \$900,000 in 2020. With a relatively low cost, a measured approach for increasing demand for resources, while achieving monitoring presence in the first year, this option is both feasible and will eventually result in full monitoring.

Option 3 - Data Entry Only – With this option, it would likely take five years to achieve close to 100% monitoring. Assuming 10% monitoring in 2020, the cost to DFO would be \$600,000 in 2019 and \$540,000 in 2020 for a total of \$1.14 million while the cost to industry would be \$540,000 in 2020. This option allows for a timely build up of resources, but there is no monitoring presence in the first year. Although it is a feasible option, it is considered less desirable because it delays the monitoring until 2020.

Option 4 - Pilot Project in One LFA/Sub LFA – The cost for this option will depend on the size of the LFA or sub-area selected for the pilot project, but it would likely be between \$370,000 - \$1.2 million in 2019. With an estimate of no more than \$800,000 in 2019 and assuming 10% monitoring in 2020, the cost to DFO in 2020 would be \$540,000 for a total of \$1.34 million while the cost to industry would be \$540,000 in 2020. This option would demonstrate strong presence in the selected area and would increase the likelihood of reaching 100% monitoring throughout the Gulf Region in a shorter period. It does, however, place a high demand on resources in the selected area, while the presence would only be demonstrated in the selected area, not throughout the Region, making it less desirable.

Option 5 - Delay in Monitoring until 2020 – With this option, it would likely take five years to achieve close to 100% monitoring. The cost to DFO would depend on the arrangements made with the DMCs but would likely be less than \$300,000 in 2019. Assuming a goal of 10% monitoring in 2020 as described in Options 3 and 4, the total cost would be \$840,000 for DFO and \$540,000 for industry in 2020. This option places a realistic demand on resources, however, there is no monitoring presence in the first year. Although this option is feasible, it is less desirable because of the initial lack of presence.

Option 6 - Use of ELOG with Random Checks by Compliance Officers – The time to implement this option would depend on how long it will take before all fishers are using the ELOG. The costs to DFO would be associated with ELOG implementation and for staffing of Compliance Officers. The amount of monitoring presence would be determined by the desired level of activity regarding the random checks for compliance. This option is feasible and cost-effective but would not provide 100% third-party verification.

Conclusion

It is assessed that catch monitoring in the Gulf Region lobster fishery is feasible and there are a range of options available for consideration. Recruiting, training and retaining dockside observers for 100% monitoring is a significant challenge for the DMCs. The ability of these companies to adapt and revise their business processes to ensure a smooth implementation, oversight by DFO throughout the transition, and a phased approach that takes advantage of current and developing technology will be key drivers for success.

As described in the discussion at Task 2.1.3, the current log book does not have sections for weigh out information, adequate fishing location or the dockside observer signature/confirmation number. It is recommended that a new log book or an addition to the existing logbook be developed to enable inclusion of this information on one document. Although this suggestion may be considered counterproductive in light of the expected implementation of the ELOG, it would reduce the challenges associated with information coming from two or three different sources: the fishers' log books, the buyers' sales slips, and the observers' landing reports. In any event, coordination will be required to ensure a smooth transition to the ELOG.

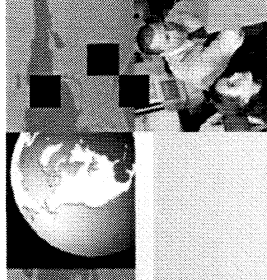
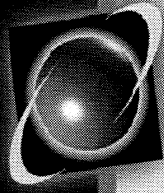
As this study considered the development of a communication strategy, it will be critical to provide key messages on how the catch monitoring for lobster in the Gulf Region will be phased-in (location, timing, and cost) and that it explains the benefits for the lobster industry as a whole to increase acceptance. It will be important to have continued collaboration with fishers, buyers and the DMCs to refine details of the plan based on the recommendations/suggestions/concerns of these key stakeholders.

Annex A – References

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4. Lobster Fishery Economic Summary – Gulf Region 2017
5. Update of the Stock Status Indicators for the American Lobster (*Homarus Americanus*) Stocks in the Southern Gulf of St. Lawrence - Canadian Science Advisory Secretariat Science Response 2016/051
6. Atlantic States Marine Fisheries Commission - American Lobster Benchmark Stock Assessment and Peer Review Report (Accepted for Management Use August 2015) (http://www.asmfc.org/uploads/file//55d61d73AmLobsterStockAssmt_PeerReviewReport_Aug2015_red2.pdf)
7. Fisheries Act (<http://laws-lois.justice.gc.ca/eng/acts/F-14/FullText.html>)
8. CGSB Qualification Program for Dockside Monitoring Companies
9. Dockside Monitoring Policies and Procedures
10. Atlantic Fisheries Restructuring Act 1985 (<http://laws-lois.justice.gc.ca/PDF/A-14.pdf>)
11. Coastal Fisheries Protection Act 1985 (<http://laws-lois.justice.gc.ca/PDF/C-33.pdf>)
12. Department of Fisheries and Oceans Act 1985 (<http://laws-lois.justice.gc.ca/PDF/F-15.pdf>)
13. Oceans Act 1996 (<http://laws-lois.justice.gc.ca/PDF/O-2.4.pdf>)
14. Strategic Framework for Fishery Monitoring and Catch Reporting Standards in the Pacific Region (http://www.pac.dfo-mpo.gc.ca/fm-gp/docs/framework_monitoring-cadre_surveillance/docs/framework_monitoring-cadre_surveillance-eng.pdf)
15. Standard of the Development of Electronic Logbook Client Applications (<http://www.dfo-mpo.gc.ca/fm-gp/sdc-cps/nir-nei/doc/Client-appl-standard-eng.pdf>)
16. Summary of Fishing Restrictions in Gulf Region 2017 Lobster Licence Conditions
17. Atlantic Fisheries Fund (<http://www.dfo-mpo.gc.ca/fm-gp/initiatives/fish-fund-atlantic-fonds-peche/index-eng.html>)
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19. Rock Lobster Management in New Zealand: The Development of Devolved Governance (<http://www.fao.org/tempref/docrep/fao/010/a1497e/a1497e26.pdf>)
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23. The Norwegian Reference Fleet (<http://www.imr.no/temasider/referanseflaten/referanseflaten/en>)

24. Status Reports of the Fisheries and Aquatic Resources of Western Australia 2016/17
([http://www.fish.wa.gov.au/Documents/sofar/status_reports_of_the_fisheries_and_aquatic_re
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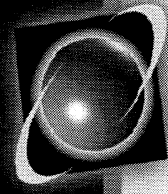
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Lobster Catch Monitoring Feasibility Study

Lonnie McNeill, Senior Consultant





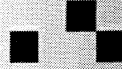
Principal Objective

The principal objective of the project is:

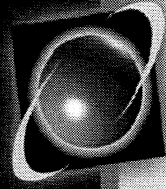
to develop a Feasibility Study and Provide An
Implementation Plan for Catch Monitoring in the

Gulf Region Lobster Fishery to:

- Improve the Quality and Reliability of Landing Data
- Enhance the Lobster Stock Science Assessment
- Enhance DFO's Ability to Make Informed Fisheries Management
Decisions for a Sustainable Fishery



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Tasks as outlined in DFO RFP

Task 2.1.1 - Present Facts on Gulf Region Lobster Fishery

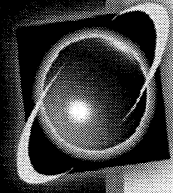
Task 2.1.2 - Review DMP and Identify Gaps

Task 2.1.3 - Develop Catch Monitoring Implementation Plan

Task 2.1.4 - Provide Recommendation of Staff Requirements

Task 2.1.5 - Provide Cost Analysis



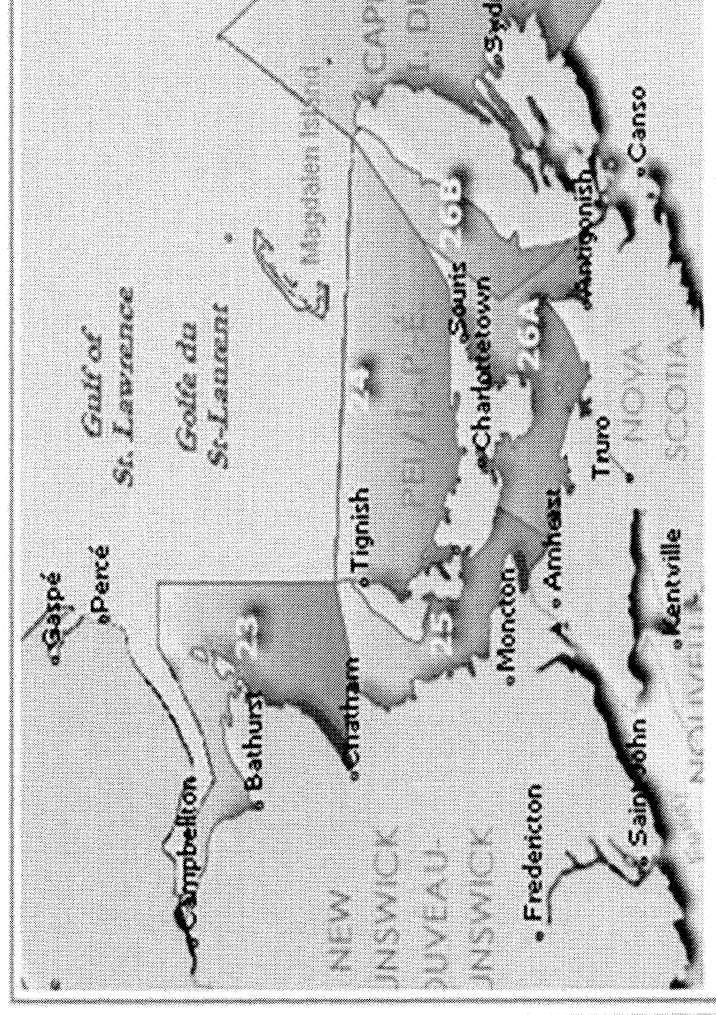


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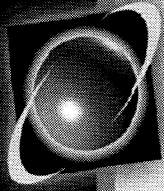


Project Scope

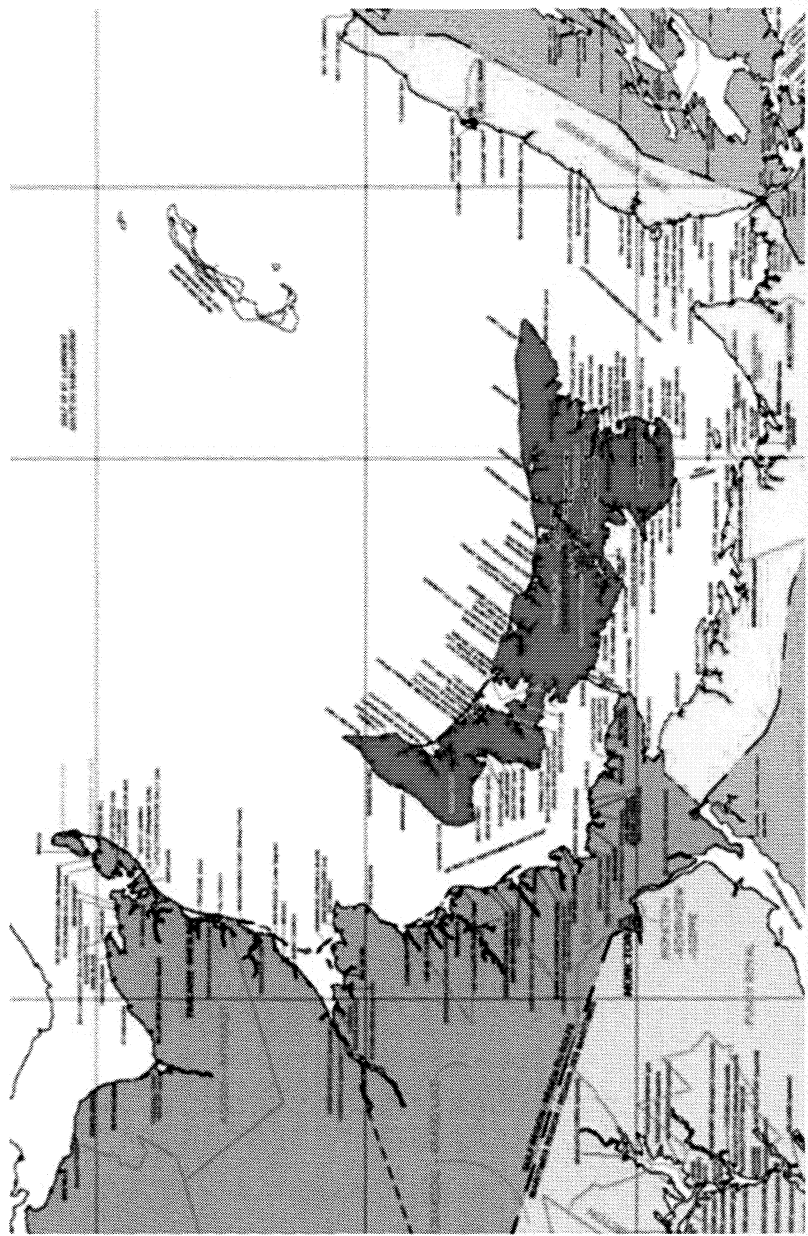
Gulf Region Lobster Fishery – LFA 23/LFA 24/LFA 25/LFA 26A/LFA 26B

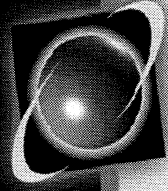


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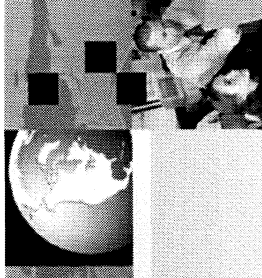
Project Scope – 125 Ports



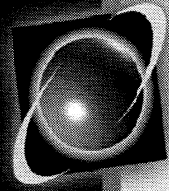


Fishers

- Prince Edward Island – PEI Fishermen's Association (PEIFA)
- New Brunswick – Maritimes Fishermen's Union/Union des pêcheurs des Maritimes (MFU/UPM)
- Nova Scotia:
 - Gulf Nova Scotia Bonafide Fishermen's Association
 - North of Smokey Fishermen's Association
 - Northumberland Fishermen's Association
 - Gulf Nova Scotia Fishermen's Coalition
 - Inverness South Fishermen's Association
 - Maritime Fishermen's Union (Local 4)

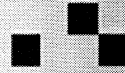


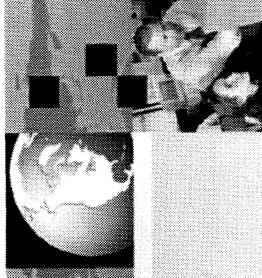
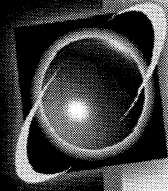
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Dockside Monitoring Companies (DMCs)

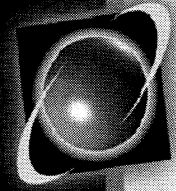
- Cheticamp Monitoring, Cheticamp NS
- Atlantic Catch Data, Pictou NS
- Island Weigh 95 Inc., Tignish PEI
- Sea Tracker Dockside Monitoring, Tignish PEI
- Pèse-Pêche Inc., Shippagan NB
- Seefish Dockside Monitors, Fairhaven NB





Approach/Conduct of Study

- Phase I: Read-In/Gathering of Information 20 Feb – 11 Mar
- Phase II: On-Site Visits 12-28 Mar
- Phase III: Analysis/Option Development 29 Mar – 26 Apr
- Phase IV: Reporting 27 Apr – 31 May



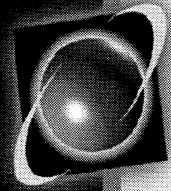
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Lobster Licenses and Trips – Gulf Region

Year	# of Licences	# of Trips
2003	3,273	126,964
2004	3,330	125,722
2005	3,301	126,188
2006	3,253	128,355
2007	3,262	130,950
2008	3,297	124,110
2009	3,232	124,414
2010	3,206	117,564
2011	3,056	116,356
2012	3,011	119,844
2013	3,136	110,965
2014	3,046	120,275
2015	3,057	116,710
2016	2,963	119,955

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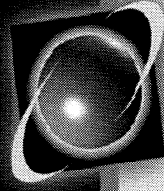


Lobster Licenses and Trips – By Area

ENB
Eastern
New
Brunswick

GNS
Gulf
Nova
Scotia

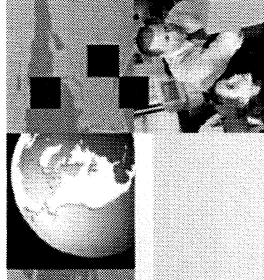
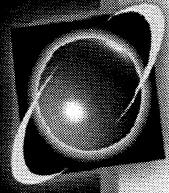
Year	Licences		Trips		Licenses		Trips		Licenses		Trips	
	PEI		PEI		ENB		ENB		GNS		GNS	
2003	1,326		63,587		1,337		37,296		610		26,081	
2004	1,349		63,629		1,337		37,037		644		25,056	
2005	1,347		62,289		1,293		37,274		661		26,625	
2006	1,339		62,615		1,270		39,171		644		26,569	
2007	1,374		62,869		1,248		41,115		640		26,966	
2008	1,381		60,719		1,263		38,197		653		25,194	
2009	1,385		57,667		1,220		42,403		627		24,344	
2010	1,321		55,949		1,242		39,303		643		22,312	
2011	1,281		54,898		1,176		37,386		599		24,072	
2012	1,301		58,515		1,112		35,944		598		25,385	
2013	1,331		54,123		1,169		34,182		636		22,660	
2014	1,320		58,632		1,128		37,757		598		23,886	
2015	1,337		56,091		1,133		37,429		587		23,190	
2016	1,274		59,176		1,105		35,899		584		24,880	



2016 Facts

AREA	PEI	ENB	GNS	TOTAL
# of LICENSES	1,274	1,105	584	2,963
# of TRIPS	59,176	35,899	24,880	119,955
# of WHARVES	64	54	49	167
AVG # TRIPS PER WHARF	925	665	508	718

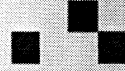
LFA	23	24	25	26A	26B	TOTAL
# of LICENSES	679	683	647	736	218	2,963
# of TRIPS	21,869	31,043	25,173	32,424	9,446	119,955
# of WHARVES	31	29	39	52	18	167
AVG # TRIPS PER WHARF	705	1,070	645	624	525	718

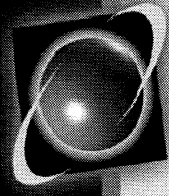


Facts

- PEI accounts for 43% of licenses and 49.3% of trips
- ENB accounts for 37.3% of licenses and 29.9% of trips
- GNS accounts for 19.7% of licenses and 20.8% of trips
- 48 busiest ports see over 76% of total trips in the Gulf

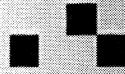
Region

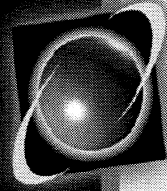




Dockside Monitoring Program – Gaps

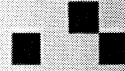
- Using number of buying stations as an approximate guide to determine number of observers needed for 100% monitoring:
 - Prince Edward Island - 91 spring/22 summer/fall
 - New Brunswick - 62 spring/44 summer/fall
 - Nova Scotia - 78 spring/4 summer/fall
- **Total – 231 spring/70 summer/fall**

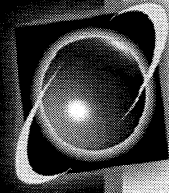




Options for Catch Monitoring in 2019

1. Full 100% Monitoring
2. Partial Monitoring (Commencing at 5%)
3. Data Entry Only
4. Pilot Project in one LFA or Sub-Area
5. Delay Monitoring Until 2020
6. Use of ELOG with Random Checks by Compliance Officers



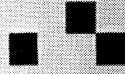


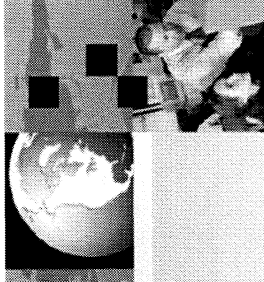
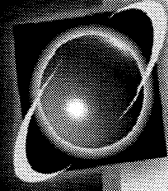
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Option 1 - Full 100% Monitoring

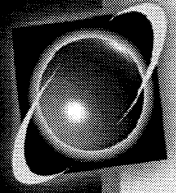
- **Advantages**
 - Supports recognition of requirement for catch monitoring by DMCs and DFO
 - There are no discrepancies in information - fishers/buyers throughout the region are operating under the same conditions
 - Increased employment opportunities in each province
 - Help identify trends, challenges and problems quickly
 - Potential to reach desired end state of sustainable lobster fishery more quickly
- **Disadvantages**
 - Risk that DMCs do not have time to develop new business model, potentially overwhelming DMCs in hiring/training/deploying sufficient observers to handle the increased workload
 - No backup if the DMCs fall short in recruitment
 - Greater potential for delays offloading the catch, thereby causing dissatisfaction among buyers/fishers





Option 2 - Partial Monitoring (Commencing at 10%)

- **Advantages**
 - DMCs can develop new business model
 - DMCs don't need to hire/train/deploy as many observers at once
 - Ease toward achieving desired end state
 - Greater flexibility to move observers around to get the required coverage
 - Decreases the risk of failure
 - Decreases the likelihood of having delays in offloading and causing dissatisfaction among buyers/fishers
- **Disadvantages**
 - Higher likelihood of having missing/inaccurate catch data until full implementation is realized
 - Incomplete information on catches could potentially impact analysis

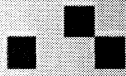


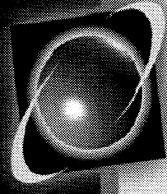
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Option 3 - Data Entry Only

- **Advantages**
 - Provides greater lead time for DMCs to prepare for full catch monitoring
 - DMCs/fishers/buyers can establish a working relationship in dealing with the log entries
 - DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year
 - Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations
- **Disadvantages**
 - No verification of what is being caught for first year
 - Could adversely affect current arrangements in Statistics for part time data entry staff
 - Greater likelihood of having missing/inaccurate catch data





Option 4 - Pilot Project in one LFA or Sub-Area

- **Advantages**
 - Allows testing of implementation plan on a smaller scale to provide lessons learned for smoother transition/implementation in the rest of the region
 - Reduced cost
 - Allow DFO resources to focus on one area
- **Disadvantages**
 - May not be well received in the area selected for the trial
 - Will be challenging for DMCs in selected area
 - Delays overall implementation
 - Would require a different log book; as a result, two different logs could be in use in the Gulf Region if the other areas do not use new log book



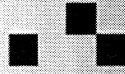
Option 5 - Delay Monitoring Until 2020

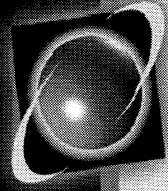
- Advantages

- Provides greater lead time for DMCs to prepare for full catch monitoring
- DMCs/fishers/buyers can establish a working relationship in dealing with the log entries
- DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year
- Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations

- Disadvantages

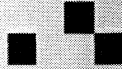
- No verification of what is being caught for first year
- Continued likelihood of having missing/inaccurate catch data

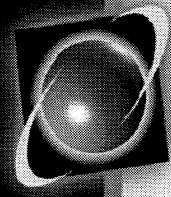




Option 6 - Use of ELOG with random checks by Compliance Officers

- **Advantages**
 - ELOG, once configured to capture required fishery information and fully implemented, will provide required data in real time
 - Does not affect efficiency of offloading
 - Takes away requirement for paper log book
- **Disadvantages**
 - Except for the random checks, does not provide independent third-party verification
 - Potential increased costs to expedite implementation of ELOG
 - There may be delays as DFO information systems are adapted for ELOG





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Factors and Weighting

To determine the overall score for each option the sum of the score for each Factor was calculated as follows:

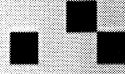
Option Score = (Factor 1 x Weight Factor 1) + (Factor 2 x Weight Factor 2) + (Factor 3 x Weight Factor 3) + (Factor 4 - Yes = 5, No = 0)

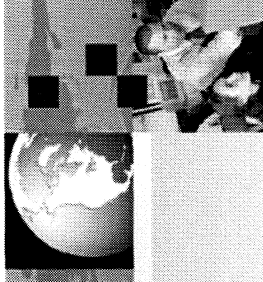
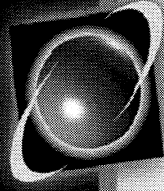
Factor 1 – Time

Factor 2 – Cost

Factor 3 – Resources

Factor 4 – Presence





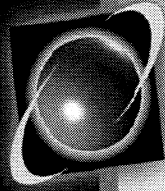
Factors 1 (Time) and 2 (Cost)

Factor 1 (TIME) - Time to achieve 100% monitoring. The desired end state is 100% monitoring, but it is not considered essential that this goal be achieved immediately. Weight Factor 1.

- 1 year = 5
- 2 years = 4
- 3 years = 3
- 4 years = 2
- 5 years = 1

Factor 2 (COST) - Cost to DFO during the first two years (2019-2020) assuming DFO assumes all costs during the first year and costs are shared between DFO and industry in the second year. Weight Factor 3.

- Under \$1,000,000 = 5
- \$1,000,000 - \$2,000,000 = 4
- \$2,000,000 - \$3,000,000 = 3
- \$3,000,000 - \$4,000,000 = 2
- Greater than \$4,000,000 = 1

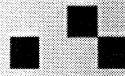


Factors 3 (Resources) and 4 (Presence)

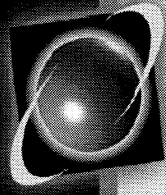
Factor 3 (RESOURCES) - Resources (observers) required in first year. Weight Factor 3.

- Less than 10% = 5
- 10% – 25% = 4
- 25% – 50% = 3
- 50% – 75% = 2
- Greater than 75% = 1

Factor 4 (PRESENCE) - It is considered important to have some monitoring activity. If this is the case in the first year a score of 5 is granted. If there is no monitoring activity in the first year, the score is 0.

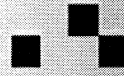


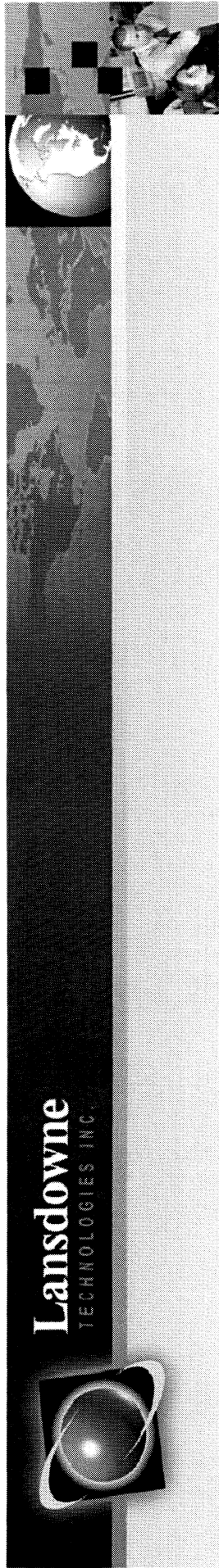
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Factor Values for each Option

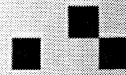
Factor	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
TIME	1 Year	5 Years	5 Years	4 Years	5 Years	5 Years
COST TO	\$7,200,00	\$1,980,000	\$1,140,00	\$1,340,00	\$840,000	\$1,980,000
DFO	0		0	0		
RESOURCES	100%	10%	0	100%*	100%	10%
PRESENCE	Yes	Yes	No	Yes	Yes	Yes

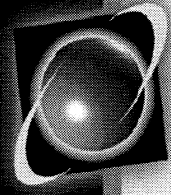




Overall Score for each Option

Factor	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
TIME	5 X 1 = 5	1 X 1 = 1	1 X 1 = 1	2 X 1 = 2	1 X 1 = 1	1 X 1 = 1
COST TO DFO	1 X 3 = 3	4 X 3 = 12	4 X 3 = 12	4 X 3 = 12	5 X 3 = 15	4 X 3 = 12
RESOURCES	1 X 3 = 3	5 X 3 = 15	5 X 3 = 15	1 X 3 = 3	5 X 3 = 15	5 X 3 = 15
PRESENCE	5	5	0	5	0	5
TOTAL SCORE	16	33	28	22	31	33

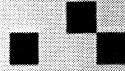


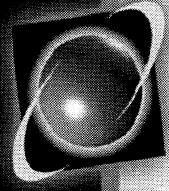


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Provide Recommendation of Staffing Requirements

- DMCs
- DFO
 - Regional Headquarters
 - DFO Area Offices

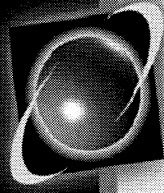




DMC Staffing Requirements

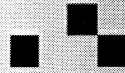
- Dockside Observers
 - 210-250 for the spring season
 - 60-80 for the summer/fall season
- Data Entry
 - Approximately 10
 - One or two people per DMC

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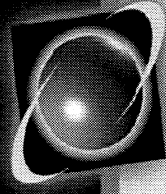


DFO Staffing Requirements

- DFO Regional Headquarters
 - Statistics Division
- DFO Area Offices
 - Conservation and Protection



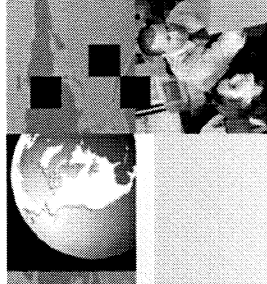
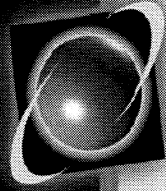
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DFO Cost Estimates for 2001 Pilot Project

Lobster Fishing Area		23	24	25	26A	26B
Number of Fishers		722	614	793	749	251
Number of Trips*		37,984	31,556	30,235	36,071	11,790
Avg # of Landings per Season		54	50	36	48	49
Cost for Weight Verification		\$540.00	\$500.00	\$360.00	\$480.00	\$490.00
Cost for Fisher for Data Entry		\$18.00	\$17.00	\$15.00	\$16.00	\$17.00
Total Cost per Fisher		\$558.00	\$517.00	\$375.00	\$496.00	\$517.00
Cost to Buyer per Fisher		\$540.00	\$500.00	\$360.00	\$480.00	\$490.00
Total Cost - Fishers and Buyers		\$1,098.00	\$1,017.00	\$735.00	\$976.00	\$997.00
Total Cost		\$792,756.00	\$624,438.00	\$582,855.00	\$731,024.00	\$250,247.00

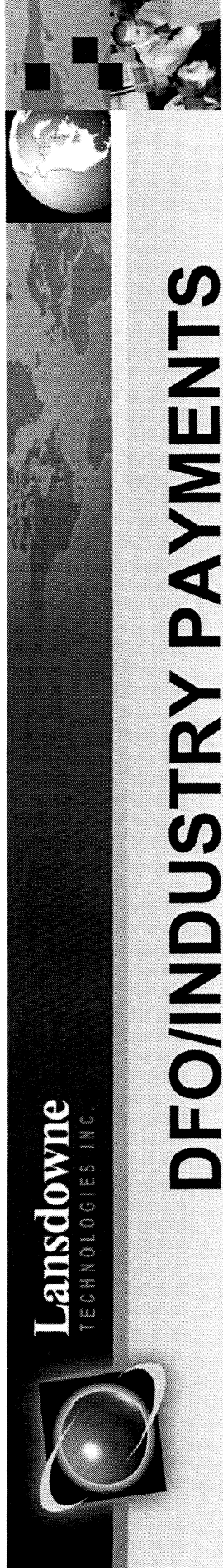
* Based on 2001 Data



Estimated Costs

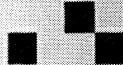
Year	Data Entry	Monitoring	Total Program Cost
2019	\$570,000	10% - \$420,000 - \$540,000	\$960,000 - \$1,080,000
2020	\$540,000	25% - \$1,050,000 - \$1,350,000	\$1,500,000 - \$1,800,000
2021	\$450,000	50% - \$2,100,000 - \$2,700,000	\$2,400,000 - \$3,000,000
2022	\$150,000	75% - \$3,150,000 - \$4,050,000	\$3,300,000 - \$4,200,000
2023		100% - \$3,600,000 - \$4,800,000	\$3,600,000 - \$4,800,000

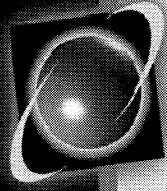
Cost per trip estimated at \$30-\$40



DFO/INDUSTRY PAYMENTS

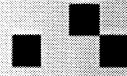
Year	Total Program Cost	DFO Share	Industry Share
2019	\$960,000 - \$1,080,000	\$960,000 - \$1,080,000	
2020	\$1,500,000 - \$1,800,000	\$750,000 - \$900,000	\$750,000 - \$900,000
2021	\$2,400,000 - \$3,000,000		\$2,400,000 - \$3,000,000
2022	\$3,300,000 - \$4,200,000		\$3,300,000 - \$4,200,000
2023	\$3,600,000 - \$4,800,000		\$3,600,000 - \$4,800,000



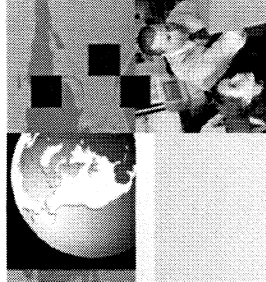
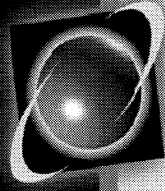


Summary

- Catch monitoring in the Gulf Region lobster fishery is feasible
- Range of options available
- Recruiting, training, retaining dockside observers for 100% monitoring and requirement for DMCs to adapt/revise business processes accordingly is biggest challenge – phased approach provides greater chance for success
- Use of technology important
- Continued engagement with all stakeholders is key



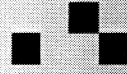
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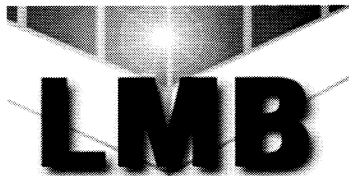
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QUOTATION / SOUMISSION

REF.# NB-260219

by / par: Tanya Bourque

CONTRACT / CONTRAT

Date: February 22, 2019

Billing Address / Adresse de Facturation

Shipping Address / Livraison à

Department of Fisheries and Oceans
343 Université Ave.
Moncton, NB
E1C 9B6

Revision 5-Confirmed
Supply arrangement #
E60HN-14AVSI/002/HN

Moncton NB
Delta

Meeting Date(s) / Date(s) de Réunion	Client Contact	Telephone # / Téléphone	E-Mail / Courriel
February 26th,27th, 28th/ 2019	Lynn Bourque Marie-Pier.Parent@dfo-mpo.gc.ca	(506)851-7801	Lynn.Bourque@dfo-mpo.gc.ca

Room(s) & Agenda(s) / Salle(s) et Agenda(s)	Comments / Commentaires
26/02/19 (1300-1700) 27/02/19 (0800-1630) 28/02/19 (0800-1630) Room: Ballroom A Interpreters supplied by client	Layout: Hollow square for 62 w/1 mic per 2ppl, plus observers(90) Setup: TBD Interpreters, Laptops and Projectors to be supplied by client Equipment: 31 table mics, pa,SI, 90r,2-8x8 screens.rec, cue vga & ac for client laptops/projectors Topic:Snow Crab Advisory

QUANT. / QTÉ.	DESCRIPTION	DAY(S) / JOUR(S)	PRICE / PRIX	TOTAL
#		#	\$	\$
s.20(1)(b) s.20(1)(c)	1 Complete bilingual interpretation system including: 1 isolation booth, 2 interpreter's consoles, 2 headphones, 2 microphones, 2 fans, transmitters	3		
90	Multi-channel receivers w/headphones	3		
1	4 input Mackie mic console to receive audio feed	3		
31	DIS "DM4410" delegate table microphones, single cable technology	3		
1	DIS "CU4005" CPU and 1 technicians control panel	3		
2	PA system, 2 powered speakers, stands and cables	3		
1	DBX Equalizer	3		
2	8ft x 8ft Tripod Screens c/w Skirting	3		
1	MARANTZ "CDR420" MP3 CD burner	3		
1	Perfect Cue c/w Wireless remote	3		
	additional vga & ac for client laptops/projectors			
1	Telephone Interphase NOTE: Presenter language determined Oniste(27/28only)	2		

(equipment(s) / équipement(s)) SUBTOTAL:

s.20(1)(b)	1	Technician Local Delivery & Installation	4 hours	1	
s.20(1)(c)	1	Technician operate (26th)	5 hours	1	
	1	Technician operate	9.5 hours	2	
	1	Technician Dismantle & Return	4 hours	1	

(labour / main d' oeuvre) SUBTOTAL:

SUBTOTAL: \$3,936.00

15% HST: 590.40

TOTAL \$4,526.40

HST / TPS : 142146711

DATE

APPROVED BY / APPROUVÉ PAR

DATE

CLIENT SIGNATURE / SIGNATURE CLIENT

The undersigned certifies having read, understood and agreed to the Terms and Conditions as detailed on the following page.
Je reconnais avoir lu, compris et accepté les Termes et Conditions de la page suivante.

000095

s.20(1)(b)

s.20(1)(c)

Selig, Jane

From: MacKay, Glenn R
Sent: November-28-18 4:24 PM
To: Wyrzykowski, Jane; Spence, Shannon
Cc: Docherty, Verna; Caldwell, Sharon
Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006
Attachments: mou for IVR development.pdf

Hi Jane,

Here it is. I just noticed you have the wrong RC on there. Six digits long. Should be 22550.

Source of funds	RC	Business Line	Allotment	Project code	Amount
Minor Capital (vote 5)	225500	411	280	93107	
O&M (vote 1)					
Salary (vote 1)					
TOTAL					

Glenn

From: Wyrzykowski, Jane
Sent: November 26, 2018 9:29 AM
To: MacKay, Glenn R; Spence, Shannon
Subject: FW: DFOWLM IVR 620 - CR004, 005 & 006

Hi Glenn

Did this document below get signed?

/J

Jane Wyrzykowski

Client Portfolio Manager | Gestionnaire de portefeuilles des clients
 Business Management, Integration and Engagement | Gestion d'affaires, intégration et engagement
 Fisheries and Oceans Canada | Pêches et Océans Canada

jane.wyrzykowski@dfo-mpo.gc.ca
 (519)383-1501 | fax (519)383-1992

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Client Portfolio Management | Gestion Portefeuille Client

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From: Blouin, Nicolas
Sent: Monday, November 26, 2018 8:26 AM
To: Wyrzykowski, Jane <Jane.Wyrzykowski@dfo-mpo.gc.ca>
Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Do you know if Glenn made progress with getting Jacinta's signature?

From: Wyrzykowski, Jane
Sent: 2018-November-20 5:18 PM
To: MacKay, Glenn R; Spence, Shannon
Cc: Ledwell, Mark; Docherty, Verna; Blouin, Nicolas; Ledwell, Mark
Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Hi Glenn

My understanding is that the funds will not be sent to Bell until the work (each work package) is complete and an invoice is received (currently no invoices have been received)

I did speak with the Procurement group and they have the renewal and new licences process underway

/J

Jane Wyrzykowski

Client Portfolio Manager | Gestionnaire de portefeuilles des clients
Business Management, Integration and Engagement | Gestion d'affaires, intégration et engagement
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From: MacKay, Glenn R
Sent: Friday, November 9, 2018 2:07 PM
To: Wyrzykowski, Jane <Jane.Wyrzykowski@dfo-mpo.gc.ca>; Spence, Shannon <Shannon.Spence@dfo-mpo.gc.ca>
Cc: Ledwell, Mark <Mark.Ledwell@dfo-mpo.gc.ca>; Docherty, Verna <Verna.Docherty@dfo-mpo.gc.ca>; Blouin, Nicolas <Nicolas.Blouin@dfo-mpo.gc.ca>
Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

The only issue is the Gulf work has not been done yet and is scheduled for later. We certainly don't want to pay anything to Bell for that work.

Does the MOU indicate that the money is transferred once the work is complete ?

Glenn

From: Wyrzykowski, Jane
Sent: November 9, 2018 3:03 PM
To: MacKay, Glenn R; Spence, Shannon
Cc: Ledwell, Mark; Docherty, Verna; Blouin, Nicolas
Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Hi Glenn

Attached is the MOU for the Bell IVR work totally [REDACTED]. Can you please facilitate Jacinta's signature and return the signed document to me (scan and email). I will facilitate the IMTS signatures and send to our business unit for processing.

<https://gcdocs.gc.ca/dfo-mpo/lilisapi.dll/open/2121915>

My understanding is the funds transferred to the Maritimes Region was to cover both the Maritimes and Gulf requirements

The Cost Recovery for the renewal of the existing licences and the procurement of the additional licences will be a separate transaction initiated by the Procurement Team within IMTS

I am still not fully aware of the status of the procurement of the replacement Audiocodes box

Thanks
 Jane

Let me know if the GCDocs link does not work for you ☺

Jane Wyrzykowski

Client Portfolio Manager | Gestionnaire de portefeuilles des clients
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From: MacKay, Glenn R
Sent: Thursday, November 8, 2018 12:45 PM
To: Wyrzykowski, Jane <Jane.Wyrzykowski@dfo-mpo.gc.ca>
Cc: Ledwell, Mark <Mark.Ledwell@dfo-mpo.gc.ca>; Spence, Shannon <Shannon.Spence@dfo-mpo.gc.ca>; Docherty, Verna <Verna.Docherty@dfo-mpo.gc.ca>
Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

I thought we had received money for the Gulf changes as well. But maybe I thought the [REDACTED] included the Gulf.

So send the MOU over and we can have a look. I assume we need to sign that and send it back to you.

s.20(1)(b)

s.20(1)(c)

Will there be another MOU for the licences and Audiocodes box ?

Glenn

From: Wyrzykowski, Jane
Sent: November 8, 2018 1:19 PM
To: MacKay, Glenn R
Cc: Ledwell, Mark; Spence, Shannon; Docherty, Verna
Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Here is what Mark provided for the minor Capital funds

Amount	Total CDNS	Description
		purchase of 8 additional Genesys and Nuance licences to add capacity for increased call volume
		purchase and configuration of a backup Audiocodes box which we need in case of a hardware failure
		application modifications for the Gulf/Quebec and Maritimes IVR Hail Out systems
		installing and configuring the telephony (Genesys and Nuance) licencing files which will support the additional capacity required to support the Lobster calls
		analysis and development of call flows for IVR modifications
		new voice prompts for the IVR system.
TOTAL =	\$140,803	

Jane Wyrzykowski

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From: MacKay, Glenn R
Sent: Thursday, November 8, 2018 12:15 PM
To: Wyrzykowski, Jane <Jane.Wyrzykowski@dfo-mpo.gc.ca>; Gallant, Claude <Claude.Gallant@dfo-mpo.gc.ca>
Cc: Janes, Todd <Todd.Janes@dfo-mpo.gc.ca>; Blouin, Nicolas <Nicolas.Blouin@dfo-mpo.gc.ca>; Ledwell, Mark <Mark.Ledwell@dfo-mpo.gc.ca>; Spence, Shannon <Shannon.Spence@dfo-mpo.gc.ca>; Docherty, Verna

s.20(1)(b)

s.20(1)(c)

<Verna.Docherty@dfo-mpo.gc.ca>

Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Hi Jane

I think the RC coding is what you have below is 22550-411-280-0582-93107-6 but please let Shannon Spence (cc'd) confirm this coding.

The coding for the renewal of the existing licences (again Shannon to confirm) is 22550 411 120 0582 00000.

We only have \$140K of minor capital transferred to the region. I don't think I asked for minor capital to cover off the below two items. Mark, are you covering these two items with your budget ?

Thanks.

Glenn

CR002: [REDACTED]

- Maritimes IVR [REDACTED]
 - the analysis only for additional Lobster hail out capacity
 - production of the Visio call flow for At Sea Observer prompts
 - [REDACTED]
- New Gulf Fisheries Codes [REDACTED]
 - Documentation of additions and changes to the IVR
 - [REDACTED]

CR003: [REDACTED]

- Maritimes IVR
 - produce the Visio call flow for dynamic Dockside Monitor Company prompts
 - [REDACTED]

From: Wyrzykowski, Jane

Sent: November 8, 2018 12:43 PM

To: Gallant, Claude; MacKay, Glenn R

Cc: Janes, Todd; Blouin, Nicolas; Ledwell, Mark

Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

I have the MOU ready --- need the coding for Maritimes (where the money is coming from) and the to (Claude's RC and project code) for the items indicated below --- once received I will sent the MOU for signature

Client Financial Information (MAR)

Source of funds	RC	Business Line	Allotment	Project code
Minor Capital (vote 5)				

s.20(1)(b)

s.20(1)(c)

IM&TS Financial Information

Receipt of funds	RC	Business Line	Allotment	Project code
Minor Capital (vote 5)				

ALSO

However the \$\$ for the procurement and configuration of the AudioCodes box has also been transferred to the region

I do not know the status of this procurement and how these funds will be dispersed (will it be a SA to SSC or procurement through another vendor)

Can someone please provide an update on this portion

AND

The \$\$ are also set aside for the purchase of the additional licences and maintenance of all – this money will be cost recovered directly by the procurement group – coding for this purchase in the ticket is **22550-411-280-0582-93107-6** (for [REDACTED])

However, no coding has been provided for the renewal agreement [REDACTED] – ** Glenn can we confirm this please?

Thanks everyone

Jane

Jane Wyrzykowski

Client Portfolio Manager | Gestionnaire de portefeuilles des clients

Business Management, Integration and Engagement | Gestion d'affaires, intégration et engagement

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From: Blouin, Nicolas

Sent: Wednesday, November 7, 2018 8:25 AM

To: Wyrzykowski, Jane <Jane.Wyrzykowski@dfo-mpo.gc.ca>

Cc: Janes, Todd <Todd.Janes@dfo-mpo.gc.ca>; Gallant, Claude <Claude.Gallant@dfo-mpo.gc.ca>

Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Jane,

I just spoke to Claude in person about this.

s.20(1)(b)

s.20(1)(c)

He says that, whether the existing MOU is modified or a new one is created, is really up to you as he's not aware of the implications of going with one option over the other.

What would you suggest?

From: Wyrzykowski, Jane
Sent: 2018-October-29 4:54 PM
To: Gallant, Claude
Cc: Blouin, Nicolas; Janes, Todd
Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Here is the email from Mark Ledwell outlining the \$\$ sent to Maritimes region

The current MOU covers off these expenditures

CR002: [REDACTED]

- Maritimes IVR [REDACTED]
 - the analysis only for additional Lobster hail out capacity
 - production of the Visio call flow for At Sea Observer prompts
 - [REDACTED]
- New Gulf Fisheries Codes [REDACTED]
 - Documentation of additions and changes to the IVR
 - [REDACTED]

CR003: [REDACTED]

- Maritimes IVR
 - produce the Visio call flow for dynamic Dockside Monitor Company prompts
 - [REDACTED]

CR004: [REDACTED]

- Maritimes IVR
 - installation of new Genesys and Nuance license file and modification of configuration to increase capacity

CR005: [REDACTED]

- Maritimes IVR
 - modified IVR call flow according to the call flows developed in CR002 and CR003, with unit and functional testing in the lab; and installation in production (during off or non-peak hours).

CR006: [REDACTED]

- New Gulf Fisheries Codes

modified IVR call flow according to the call flows agreed to in CR002, with unit and functional testing in the lab; and installation in production (during off or non-peak hours).

Total of this agreement [REDACTED]

There is an additional [REDACTED] for the procurement and configuration of the Audiocodes box and the procurement of additional licences in the funds transferred by Marks group

Do you want to amend the existing MOU or do you want to proceed as is and have another agreement for the outstanding items

Let me know
/J

Jane Wyrzykowski

Client Portfolio Manager | Gestionnaire de portefeuilles des clients

Business Management, Integration and Engagement | Gestion d'affaires, intégration et engagement

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From: Gallant, Claude

Sent: Monday, October 29, 2018 3:25 PM

To: David, Blair <Blair.David@dfo-mpo.gc.ca>

Cc: Wyrzykowski, Jane <Jane.Wyrzykowski@dfo-mpo.gc.ca>; Blouin, Nicolas <Nicolas.Blouin@dfo-mpo.gc.ca>; de Jesus, Luiz <Luiz.deJesus@dfo-mpo.gc.ca>; Akerley, Nancy <Nancy.Akerley@dfo-mpo.gc.ca>

Subject: FW: DFOWLM IVR 620 - CR004, 005 & 006

I believe you are working with CPM on a MOU for IVR. Please note that the funds are now in Maritimes Region.

Claude

From: Gallant, Claude

Sent: Monday, October 29, 2018 4:21 PM

To: MacKay, Glenn R <Glenn.MacKay@dfo-mpo.gc.ca>; Wyrzykowski, Jane <Jane.Wyrzykowski@dfo-mpo.gc.ca>;

Ledwell, Mark <Mark.Ledwell@dfo-mpo.gc.ca>

Cc: Tchen, Chanthaphet <Chanthaphet.Tchen@dfo-mpo.gc.ca>; Arsenault, Shane <Shane.Arsenault@dfo-mpo.gc.ca>;

Janes, Todd <Todd.Janes@dfo-mpo.gc.ca>; Kirby, Danielle <Danielle.Kirby@dfo-mpo.gc.ca>; Akerley, Nancy

<Nancy.Akerley@dfo-mpo.gc.ca>; Akerley, Nancy <Nancy.Akerley@dfo-mpo.gc.ca>

Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Since the IVR amendment in Abacus was under my RC (657B0), we need to transfer the funds to IM&TS. We will therefore create an MOU for budget transfer.

Claude

From: MacKay, Glenn R

Sent: Monday, October 29, 2018 4:10 PM

To: Gallant, Claude <Claude.Gallant@dfo-mpo.gc.ca>; Wyrzykowski, Jane <Jane.Wyrzykowski@dfo-mpo.gc.ca>; Ledwell, Mark <Mark.Ledwell@dfo-mpo.gc.ca>

Cc: Tchen, Chanthaphet <Chanthaphet.Tchen@dfo-mpo.gc.ca>; Arsenault, Shane <Shane.Arsenault@dfo-mpo.gc.ca>;

Janes, Todd <Todd.Janes@dfo-mpo.gc.ca>; Kirby, Danielle <Danielle.Kirby@dfo-mpo.gc.ca>; Akerley, Nancy

<Nancy.Akerley@dfo-mpo.gc.ca>

Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Hi Claude,

Maritimes received minor capital money from Danielle's group to pay for IVR updates, hardware, software licences , etc.

Is this what you are referring to ?

Glenn

From: Gallant, Claude
Sent: October 29, 2018 3:52 PM
To: MacKay, Glenn R; Wyrzykowski, Jane; Ledwell, Mark
Cc: Tchen, Chanthaphet; Arsenault, Shane; Janes, Todd; Kirby, Danielle; Akerley, Nancy
Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Just to confirm that the IVR amendment has been entered in Abacus.

Claude

From: MacKay, Glenn R
Sent: Monday, October 29, 2018 3:48 PM
To: Wyrzykowski, Jane <Jane.Wyrzykowski@dfo-mpo.gc.ca>; Gallant, Claude <Claude.Gallant@dfo-mpo.gc.ca>; Ledwell, Mark <Mark.Ledwell@dfo-mpo.gc.ca>
Cc: Tchen, Chanthaphet <Chanthaphet.Tchen@dfo-mpo.gc.ca>; Arsenault, Shane <Shane.Arsenault@dfo-mpo.gc.ca>; Janes, Todd <Todd.Janes@dfo-mpo.gc.ca>; Kirby, Danielle <Danielle.Kirby@dfo-mpo.gc.ca>
Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Yes, money is not the issue. Trying to buy the actual items is what is being worked on.

From: Wyrzykowski, Jane
Sent: October 29, 2018 3:45 PM
To: MacKay, Glenn R; Gallant, Claude; Ledwell, Mark
Cc: Tchen, Chanthaphet; Arsenault, Shane; Janes, Todd; Kirby, Danielle
Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

My understanding is Funds for this work have been transferred to the Region by HQ (Maritimes)

/J

Jane Wyrzykowski

Client Portfolio Manager | Gestionnaire de portefeuilles des clients
Business Management, Integration and Engagement | Gestion d'affaires, intégration et engagement
Fisheries and Oceans Canada | Pêches et Océans Canada

jane.wyrzykowski@dfo-mpo.gc.ca
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From: MacKay, Glenn R
Sent: Monday, October 29, 2018 2:40 PM
To: Wyrzykowski, Jane <Jane.Wyrzykowski@dfo-mpo.gc.ca>; Gallant, Claude <Claude.Gallant@dfo-mpo.gc.ca>
Cc: Tchen, Chanthaphet <Chanthaphet.Tchen@dfo-mpo.gc.ca>; Arsenault, Shane <Shane.Arsenault@dfo-mpo.gc.ca>;

Janes, Todd <Todd.Janes@dfo-mpo.gc.ca>

Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Progress is being made. The application changes are being worked on now. Still trying to figure out the purchase of additional licences and the backup Audiocodes box.

Glenn

From: Wyrzykowski, Jane

Sent: October 29, 2018 3:21 PM

To: Gallant, Claude; MacKay, Glenn R

Cc: Tchen, Chanthaphet; Arsenault, Shane; Janes, Todd

Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Can we confirm the status on these items also please

/J

Jane Wyrzykowski

Client Portfolio Manager | Gestionnaire de portefeuilles des clients

Business Management, Integration and Engagement | Gestion d'affaires, intégration et engagement

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s.20(1)(b)

s.20(1)(c)

From: Janes, Todd

Sent: Thursday, September 27, 2018 10:13 AM

To: Gallant, Claude <Claude.Gallant@dfo-mpo.gc.ca>

Cc: Tchen, Chanthaphet <Chanthaphet.Tchen@dfo-mpo.gc.ca>; Wyrzykowski, Jane <Jane.Wyrzykowski@dfo-mpo.gc.ca>; Arsenault, Shane <Shane.Arsenault@dfo-mpo.gc.ca>; MacKay, Glenn R <Glenn.MacKay@dfo-mpo.gc.ca>

Subject: FW: DFOWLM IVR 620 - CR004, 005 & 006

Claude

The client has approved the next IVR amendments (below) totaling [REDACTED]

If you approve, please have the attached quotes and SOW's entered into abacus for Cathi Harris to action.

thanx

Todd Janes

Project Manager / Chef de projet

From: MacKay, Glenn R

Sent: 2018-September-26 10:36 AM

To: Janes, Todd

Subject: FW: DFOWLM IVR 620 - CR004, 005 & 006

Okay, let's do it. We can discuss further.

s.20(1)(b)

s.20(1)(c)

From: Berthier, Jacinta
Sent: September 25, 2018 5:42 PM
To: MacKay, Glenn R; Potter, Ted; Spence, Shannon; Docherty, Verna
Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Hello,

I will approve the expenditures for the [REDACTED] for additional licences and \$[REDACTED] for IT support related to IVR upgrades as part of the lobster by-catch monitoring program. As you are managing the work, I would ask that Verna and Ted as the RCMs for each program remain connected in all messages on this matter.

Thanks,
Jacinta

Jacinta Berthier

Director, Resource and Aboriginal Fisheries Management
Fisheries and Oceans Canada | Government of Canada
Jacinta.Berthier@dfo-mpo.gc.ca | Tel: 902 426-7681 | Cel: 902 [REDACTED]

s.16(2)(c)

Directrice Gestion des ressources et pêches autochtones
Pêches et Océans Canada | Gouvernement du Canada
Jacinta.Berthier@dfo-mpo.gc.ca | Tél. : 902 426-7681 | Tél. cell. : 902 [REDACTED]

If you have received this communication by mistake, please notify the sender immediately and delete the communication without printing, copying or forwarding it. Thank you.

Si vous avez reçu cette communication par erreur, veuillez en aviser l'expéditeur immédiatement et la supprimer sans l'imprimer, la copier, ou la faire suivre. Merci.

s.20(1)(b)

s.20(1)(c)

From: MacKay, Glenn R
Sent: Tuesday, September 25, 2018 3:32 PM
To: Berthier, Jacinta <Jacinta.Berthier@dfo-mpo.gc.ca>; Potter, Ted <Ted.Potter@dfo-mpo.gc.ca>; Spence, Shannon <Shannon.Spence@dfo-mpo.gc.ca>
Cc: Janes, Todd <Todd.Janes@dfo-mpo.gc.ca>
Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Just to clarify, this is a subset of the original financial situation I sent to you a few days ago. This cover the application changes which I had estimated at 40K but came in at [REDACTED] and the additional licences at [REDACTED]

Glenn

From: MacKay, Glenn R
Sent: September 25, 2018 3:13 PM
To: Berthier, Jacinta; Potter, Ted; Spence, Shannon
Cc: Janes, Todd
Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Hi All,

Can someone approve these expenditures ? I spoke to Mark Ledwell from Fisheries Management Ottawa (Mark Waddell's office) and Ottawa is not committing any money to this initiative.

So Maritimes will have to contribute

CR004 = additional capacity, required to support the Lobster calls (Genesys & Nuance) [REDACTED]

CR005 = to implement the At Sea Observer (Maritimes) [REDACTED]

Additional licences to add capacity for lobster approximately [REDACTED]. The danger of not adding additional capacity is that the fisher gets a busy signal when they call into the IVR.

Gulf will have to pay

CR006 = to implement the Tuna (Gulf Quebec) [REDACTED]

Todd, is IM&TS going to pay and then cost recover from Fisheries Management ? You will have to contact the Gulf top get approval for CR006.

Thanks.

Glenn

Glenn MacKay

Fisheries Management Officer | Agent de gestion des pêches

Fisheries Management | Gestion des pêches

Maritimes Region | Région des Maritimes

Fisheries and Oceans Canada | Pêches et Océans Canada

1 Challenger Drive | 1, Promenade Challenger

Dartmouth, NS Canada B2Y 4A2

<mailto:Glenn.MacKay@dfo-mpo.gc.ca>

Phone 902-233-0748

From: Janes, Todd

Sent: September 25, 2018 11:41 AM

To: MacKay, Glenn R

Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Glenn

Have you seen any movement on this?

btw

I am working from home today.

thanx

Todd Janes

Project Manager / Chef de projet

From: MacKay, Glenn R

Sent: 2018-September-21 3:28 PM

To: Berthier, Jacinta; Belliveau, Ron

Cc: Potter, Ted; Lapierre, Daniel; Arsenaault, Shane; Janes, Todd; Ledwell, Mark; David, Blair

Subject: FW: DFOWLM IVR 620 - CR004, 005 & 006

Hi Jacinta and Ron,

Here is the cost for the IVR modifications that have been discussed.

Todd needs your approval to move ahead with these modifications. He has the costs in Red below. Please let me know if you need any clarification.

Thanks.

Glenn

Glenn MacKay

Fisheries Management Officer | Agent de gestion des pêches

Fisheries Management | Gestion des pêches

Maritimes Region | Région des Maritimes

Fisheries and Oceans Canada | Pêches et Océans Canada

1 Challenger Drive | 1, Promenade Challenger

Dartmouth, NS Canada B2Y 4A2

<mailto:Glenn.MacKay@dfo-mpo.gc.ca>

Phone 902-233-0748

s.20(1)(b)

s.20(1)(c)

From: St-Pierre, Mario [<mailto:mario.st-pierre@bell.ca>]

Sent: 2018-September-20 2:08 PM

To: Janes, Todd

Cc: Schultz, Eric

Subject: DFOWLM IVR 620 - CR004, 005 & 006

Hi Todd,

Attached are the Change Requests (CRs) requested ;

CR004 = additional capacity, required to support the Lobster calls (Genesys & Nuance) [REDACTED]

CR005 = to implement the At Sea Observer (Maritimes) [REDACTED]

CR006 = to implement the Tuna (Gulf Quebec) [REDACTED]

To engage in delivery of one of the above CRs, and complete the change by Oct. 12th, an email approval is required by Sep. 26th, noon (ET).

Important

Because of the quoted expected delivery date, being Oct. 12th, only one of the three CRs can be implemented. Of the three CRs, only CR004 or CR006 can be considered at this moment. In addition of being capable to implement uniquely one CR for Oct. 12th, special attention to the responsibilities associated to the DFO team is non-negligible (please refer to section #4 "Proposed Solution" for details outlining the requirements and assumptions).

In addition to the assumptions and requirements outlined in the CRs, remote access to the solution must be maintained throughout delivery.

Knowledge transfer and Support have not been quoted in these CRs. Although these are considered as essential for business continuity, I would recommend that they be covered in separate CRs.

Understanding that the expected delivery timeframe is extremely short, perhaps we can entertain other periods for which we can deliver these enhancements, such as Nov-Dec, or again Q1?

Please don't hesitate to call me to go over these CRs. I would have availability this afternoon between 3-4PM (ET), or again tomorrow morning 8:30-9:30 (ET).

Regards,



Mario St-Pierre

Gestionnaire principal - Centres de contacts

Senior Manager - Contact Center

Bell Marchés Affaires | Bell Business Markets

tél.: (514) 786-3352 cel.: (514) 346-5974


télec.: (514) 766-4019

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Bureau du secrétaire de Bell Canada, Bell Télé Satellite (Bell ExpressVu), Bell Mobilité, Bell Média et Bell Aliant.
1 Carrefour Alexander-Graham Bell, Aile E-4, Verdun, Québec, H3E 3B3

	Document Title:	Memorandum Of Understanding (MOU)
	Project Name:	<i>Interactive Voice Response Platform (Voice Enabled Telephony) (IVR)</i>
	Parties to the Agreement:	Information Management and Technology Services (IM/TS) and Fisheries and Harbours Management (FHM)
	EKME#:	
	Author:	Shane Arsenault
	Version:	1.1
	Date:	2018-09-25

Description

Amendments to the IVR project, conducted by Bell, for both the Maritimes region and Gulf were required and are as follows:

CR002:

- Maritimes IVR
 - the analysis only for additional Lobster hail out capacity
 - production of the Visio call flow for At Sea Observer prompts
 - [REDACTED]
- New Gulf Fisheries Codes
 - Documentation of additions and changes to the IVR
 - [REDACTED]

CR003:

- Maritimes IVR
 - produce the Visio call flow for dynamic Dockside Monitor Company prompts
 - [REDACTED]

CR004:

- Maritimes IVR
 - installation of new Genesys and Nuance license file and modification of configuration to increase capacity

CR005:

- Maritimes IVR
 - modified IVR call flow according to the call flows developed in CR002 and CR003, with unit and functional testing in the lab; and installation in production (during off or non-peak hours).

CR006:

- New Gulf Fisheries Codes
 - modified IVR call flow according to the call flows agreed to in CR002, with unit and functional testing in the lab; and installation in production (during off or non-peak hours).

GCDocs 2121915

History

Version	Description	Author	Date
1	Original Document	Shane Arsenault	2018-09-25
1.1	Minor Edits	Jane Wyrzykowski	2018-11-09

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1. Agreement Authorization

This agreement is instrumental in our continuing efforts to provide a high level of service to the Canadian Public. The division and assignment of responsibilities to the areas in which expertise is concentrated, the clear definition of responsibilities and the openness of funding requirements result in more efficient and effective delivery of services by the Department of Fisheries and Oceans.

We, the undersigned, agree with the cost recovery of the identified services and/or products as specified within this Memorandum of Understanding (MOU).

We also agree with the definition, the amount and the process of the cost recovery services and/or products as specified within this MOU document.

Signature: _____

Date: _____

Claude Gallant
Director, FMCS

Signature: *Att. J. P. P. P.*

Date: *Nov. 28/18*

For Jacinta Bertier
Director, Resource and Aboriginal Fisheries Management

Signature: _____

Date: _____

Ron Belliveau
Chief, Enforcement Operations, DFO

2. Contact Information

Include in this section everybody that could be affected by the MOU, both on the partner's side and on IM&TS side. Directors usually don't have to be included here as they must sign the Agreement Authorization above.

	Client Contacts	IM&TS Contacts
Financial	Shannon Spence Sector Financial Advisor	Rhonda Hash / Christophe Dubois Manager, Business Planning and Analysis
Business	Glenn MacKay Business & Technology Coordinator	
Technical		Todd Janes Project Manager, Workload Migration
CPM		Shane Arsenault / Jane Wyrzykowski Client Portfolio Manager

3. Purpose and Scope

The purpose of this MOU is to identify the costs associated with the services provided by the Analytics and Applications Operational Support Branch of IM&TS for the upgrade of the Interactive Voice Response Platform (IVR) for fiscal year 2017-18.

4. Duration of Agreement

- The duration of this agreement is from 2018-04-01 to 2018-12-31 and is considered to be in effect on the date signed.
- Terms of this agreement may be amended by any parties for changes to the service(s) and/or product(s) mentioned in this agreement.
- If applicable a schedule of payment is attached in Annex.

5. Services Fees Summary

Service Type	Service/Product detail	Amount (\$)
Vote 5 – Minor Capital		
s.20(1)(b) s.20(1)(c) Application development services /Non-salary	CR002 (MAR = [REDACTED]) GULF = [REDACTED] CR003 (MAR = [REDACTED]) CR004 (MAR = [REDACTED]) CR005 (MAR = [REDACTED]) CR006 (GULF = [REDACTED])	MAR = [REDACTED] GULF = [REDACTED]
Application development services / Salary		
Acquisition of software /hardware (Individual item cost >\$10K)		
Vote 1 – O&M		
Application maintenance & support services / Non-salary		
Acquisition of software / hardware (individual item cost <\$10K)		
IM&TS Additional management fees		
Vote 1 – Salary		
Application maintenance & support services / Salary		
TOTAL		

6. Financial Considerations

- Cost recovery for these services and/or products will be initiated by CPM.
- Payments will be made by the Application Owners to IM&TS.
- The amounts listed below will be collected using a Budget Transfer.
- The budget Allotment will depend of the type of services (Vote 1 or Vote 5, Salary or not).
- It is the responsibility of the Application Owner to ensure they have the available budget in the proper allotment.

Client Financial Information (MAR)

Source of funds	RC	Business Line	Allotment	Project code	Amount
Minor Capital (vote 5)	225500	411	280	93107	
O&M (vote 1)					
Salary (vote 1)					
TOTAL					

Client Financial Information (GULF)

Source of funds	RC	Business Line	Allotment	Project code	Amount
Minor Capital (vote 5)					
O&M (vote 1)					
Salary (vote 1)					
TOTAL					

IM&TS Financial Information

Receipt of funds	RC	Business Line	Allotment	Project code	Amount
Minor Capital (vote 5)					
O&M (vote 1)					
Salary (vote 1)					
TOTAL					

By submitting financial coding, the Responsibility Centre Manager accepts that they are responsible for funding the items listed above.

Selig, Jane

From: Laking, Erin
Sent: November-06-18 1:48 PM
To: Spence, Shannon; Caldwell, Sharon
Cc: Boudreau, Laurene
Subject: RE: Catch Monitoring Funding

Transfer is approved.
Cheers.

From: Spence, Shannon
Sent: Tuesday, November 6, 2018 1:26 PM
To: Caldwell, Sharon <Sharon.Caldwell@dfo-mpo.gc.ca>; Laking, Erin <Erin.Laking@dfo-mpo.gc.ca>
Cc: Boudreau, Laurene <Laurene.Boudreau@dfo-mpo.gc.ca>
Subject: RE: Catch Monitoring Funding

Erin, FYI Ted's concurrence on this transfer is shown below on this email trail.

S

From: Caldwell, Sharon
Sent: Tuesday, November 6, 2018 1:25 PM
To: Laking, Erin <Erin.Laking@dfo-mpo.gc.ca>
Cc: Spence, Shannon <Shannon.Spence@dfo-mpo.gc.ca>; Boudreau, Laurene <Laurene.Boudreau@dfo-mpo.gc.ca>
Subject: FW: Catch Monitoring Funding

Hello Erin,

RM is intending to send \$9.5K Catch Monitoring O&M to Science to support the at sea and dockside monitoring work. As acting RD FM, do you agree with this transfer?

Thank you,

Sharon Caldwell, CPA, CMA

Financial Analyst, Finance, Maritimes Region
Fisheries and Oceans Canada / Government of Canada
Sharon.caldwell@dfo-mpo.gc.ca / Tel: 902-407-7499

Analyste financière, Finances, Région des Maritimes
Pêches et Océans Canada / Gouvernement du Canada
Sharon.caldwell@dfo-mpo.gc.ca / Tél. : 902-407-7499

From: Boudreau, Laurene
Sent: November-06-18 12:36 PM
To: Caldwell, Sharon <Sharon.Caldwell@dfo-mpo.gc.ca>; Spence, Shannon <Shannon.Spence@dfo-mpo.gc.ca>

Cc: St-Laurent, Bob <Bob.St-Laurent@dfo-mpo.gc.ca>

Subject: RE: Catch Monitoring Funding

All budget transfers that are moving in or out of Science need the approval of the RD Science.

Laurene Boudreau, CPA, CGA
Financial Analyst/Analyste financière
Financial Management Services/Services de gestion financière
1st Floor Polaris Building/1e étage édifice Polaris
Bedford Institute of Oceanography/ Institut océanographique de Bedford
Fisheries and Oceans Canada/Pêches et Océans Canada
Maritimes Region/Région Maritime
Dartmouth, Nova Scotia
Laurene.Boudreau@dfo-mpo.gc.ca
Telephone/Téléphone: (902)426-9723

If you have received this communication by mistake, please notify the sender immediately and delete the communication without printing, copying or forwarding it. Thank you.

Si vous avez reçu cette communication par erreur, veuillez en aviser l'expéditeur immédiatement et la supprimer sans l'imprimer, la copier, ou la faire suivre. Merci.

From: Caldwell, Sharon
Sent: November-06-18 12:26 PM
To: Spence, Shannon; Boudreau, Laurene
Subject: RE: Catch Monitoring Funding

Hi Laurene,

Can you please remind me of the approval level requirements with the change in business lines?

Thanks,

Sharon

From: Spence, Shannon
Sent: November-06-18 11:50 AM
To: Caldwell, Sharon <Sharon.Caldwell@dfo-mpo.gc.ca>; Boudreau, Laurene <Laurene.Boudreau@dfo-mpo.gc.ca>
Subject: FW: Catch Monitoring Funding

Hi,

I don't know who the RCM is for this coding, but guessing one of you can confirm if this represents science approval?

Thanks ladies!

S

From: Stone, Heath H
Sent: Tuesday, November 6, 2018 11:48 AM

To: Comeau, Peter <Peter.Comeau@dfo-mpo.gc.ca>; Spence, Shannon <Shannon.Spence@dfo-mpo.gc.ca>
Cc: Caldwell, Sharon <Sharon.Caldwell@dfo-mpo.gc.ca>
Subject: RE: Catch Monitoring Funding

Thanks Peter. Shannon, our coding is below.
H.

From: Comeau, Peter
Sent: November 6, 2018 11:45 AM
To: Stone, Heath H
Subject: RE: Catch Monitoring Funding

Heath our coding would be

21925-810-120-xxxx-62061

From: Stone, Heath H
Sent: Tuesday, November 6, 2018 11:43 AM
To: Spence, Shannon <Shannon.Spence@dfo-mpo.gc.ca>; Caldwell, Sharon <Sharon.Caldwell@dfo-mpo.gc.ca>; Comeau, Peter <Peter.Comeau@dfo-mpo.gc.ca>; MacIsaac, Kim <Kim.MacIsaac@dfo-mpo.gc.ca>; Cooper-MacDonald, Kathryn <Kathryn.Cooper-MacDonald@dfo-mpo.gc.ca>; Potter, Ted <Ted.Potter@dfo-mpo.gc.ca>; Boudreau, Laurene <Laurene.Boudreau@dfo-mpo.gc.ca>
Subject: RE: Catch Monitoring Funding

Hi Shannon,

It would be myself or Peter. We will get back to you soon.
Thanks,
Heath

From: Spence, Shannon
Sent: November 6, 2018 11:03 AM
To: Caldwell, Sharon; Comeau, Peter; MacIsaac, Kim; Cooper-MacDonald, Kathryn; Stone, Heath H; Potter, Ted; Boudreau, Laurene
Subject: RE: Catch Monitoring Funding

Heath,

Assume you will take the lead on this.

Cheers,

Shannon

From: Caldwell, Sharon
Sent: Tuesday, November 6, 2018 9:50 AM
To: Spence, Shannon <Shannon.Spence@dfo-mpo.gc.ca>; Comeau, Peter <Peter.Comeau@dfo-mpo.gc.ca>; MacIsaac, Kim <Kim.MacIsaac@dfo-mpo.gc.ca>; Cooper-MacDonald, Kathryn <Kathryn.Cooper-MacDonald@dfo-mpo.gc.ca>; Stone, Heath H <Heath.Stone@dfo-mpo.gc.ca>; Potter, Ted <Ted.Potter@dfo-mpo.gc.ca>; Boudreau, Laurene <Laurene.Boudreau@dfo-mpo.gc.ca>
Subject: RE: Catch Monitoring Funding

Hi,

Thanks for sending the FM Coding and RC Manager approval. Can I please be provided with the Coding and approval from the Science side as well to begin the transfer?

Thank you,

Sharon Caldwell, CPA, CMA

Financial Analyst, Finance, Maritimes Region
Fisheries and Oceans Canada / Government of Canada
Sharon.caldwell@dfo-mpo.gc.ca / Tel: 902-407-7499

Analyste financière, Finances, Région des Maritimes
Pêches et Océans Canada / Gouvernement du Canada
Sharon.caldwell@dfo-mpo.gc.ca / Tél. : 902-407-7499

From: Spence, Shannon
Sent: November-06-18 9:43 AM
To: Caldwell, Sharon <Sharon.Caldwell@dfo-mpo.gc.ca>
Cc: Comeau, Peter <Peter.Comeau@dfo-mpo.gc.ca>; MacIsaac, Kim <Kim.MacIsaac@dfo-mpo.gc.ca>; Cooper-MacDonald, Kathryn <Kathryn.Cooper-MacDonald@dfo-mpo.gc.ca>; Stone, Heath H <Heath.Stone@dfo-mpo.gc.ca>; Potter, Ted <Ted.Potter@dfo-mpo.gc.ca>; Boudreau, Laurene <Laurene.Boudreau@dfo-mpo.gc.ca>
Subject: RE: Catch Monitoring Funding

Hi Sharon,

The FM coding for the catch monitoring funding transfer is 22510, 411, 120, 62061 and the RM approval is shown below. What is the next step for you to initiate this transfer to Science?

Thanks,

Shannon

From: Stone, Heath H
Sent: Monday, November 5, 2018 3:27 PM
To: Potter, Ted <Ted.Potter@dfo-mpo.gc.ca>; Cooper-MacDonald, Kathryn <Kathryn.Cooper-MacDonald@dfo-mpo.gc.ca>
Cc: Comeau, Peter <Peter.Comeau@dfo-mpo.gc.ca>; Spence, Shannon <Shannon.Spence@dfo-mpo.gc.ca>; MacIsaac, Kim <Kim.MacIsaac@dfo-mpo.gc.ca>
Subject: RE: Catch Monitoring Funding

That's great – thanks Ted.
Heath

From: Potter, Ted
Sent: November 5, 2018 3:26 PM
To: Cooper-MacDonald, Kathryn; Stone, Heath H
Cc: Comeau, Peter; Spence, Shannon; MacIsaac, Kim
Subject: RE: Catch Monitoring Funding

Hi Kathy, Heath,

We have \$ 9.5 K that can be transferred to Science to support the at sea and dockside monitoring work.

Ted

Ted Potter

Regional Manager, Resource Management | Gérant régionale, gestion des ressources
Fisheries Management | Gestion des pêches
Maritimes Region | Région des Maritimes
Fisheries & Oceans Canada | Pêches et Océans Canada
Ph/Tél: (902) 456- 4090

From: Cooper-MacDonald, Kathryn
Sent: 2018–November-05 1:03 PM
To: Potter, Ted <Ted.Potter@dfo-mpo.gc.ca>
Subject: FW: Catch Monitoring Funding

See response below.

Kathy Cooper-MacDonald
Senior Advisor | Conseillère principale
Fisheries Management | Gestion des pêches
Maritimes Region | Région des Maritimes
Fisheries and Oceans Canada | Pêches et Océans Canada
P.O. Box 1006 | C.P. 1006
Dartmouth, NS Canada B2Y 4T3 | Dartmouth, NÉ Canada B2Y 4T3
Kathryn.cooper-macdonald@dfo-mpo.gc.ca
Telephone | Téléphone 902-219-0463
Facsimile | Télécopieur 902-426-9683
Government of Canada | Gouvernement du Canada



From: Stone, Heath H
Sent: Monday, November 5, 2018 11:26 AM
To: Cooper-MacDonald, Kathryn <Kathryn.Cooper-MacDonald@dfo-mpo.gc.ca>
Cc: Comeau, Peter <Peter.Comeau@dfo-mpo.gc.ca>
Subject: RE: Catch Monitoring Funding

Hi Kathryn,

Yes we would definitely be interested in 9.5K of additional funding for catch monitoring purposes. I think we can put it to good use this year for monitoring secondary species at sea or at dockside.

Thanks very much for this offer and for letting us know.
Heath

From: Cooper-MacDonald, Kathryn
Sent: November 5, 2018 9:45 AM
To: Stone, Heath H
Subject: RE: Catch Monitoring Funding

Absolutely.

I will let Ted know in this morning's meeting.

Kathy Cooper-MacDonald
Senior Advisor | Conseillère principale
Fisheries Management | Gestion des pêches
Maritimes Region | Région des Maritimes
Fisheries and Oceans Canada | Pêches et Océans Canada
P.O. Box 1006 | C.P. 1006
Dartmouth, NS Canada B2Y 4T3 | Dartmouth, NÉ Canada B2Y 4T3
Kathryn.cooper-macdonald@dfo-mpo.gc.ca
Telephone | Téléphone 902-219-0463
Facsimile | Télécopieur 902-426-9683
Government of Canada | Gouvernement du Canada



From: Stone, Heath H
Sent: Monday, November 5, 2018 9:44 AM
To: Cooper-MacDonald, Kathryn <Kathryn.Cooper-MacDonald@dfo-mpo.gc.ca>
Subject: RE: Catch Monitoring Funding

Hi Kathryn,

Yes we might be. Can I get back to you in a day or so?

Thanks,
Heath

From: Cooper-MacDonald, Kathryn
Sent: November 5, 2018 9:42 AM
To: Stone, Heath H
Subject: FW: Catch Monitoring Funding

Hi Heath,

Ted asked me to reach out to see if you require any additional funds for the Catch Monitoring Project. We have an additional 9.5K that we could provide.

Let me know if you have interest in these funds.

Regards,

Kathy Cooper-MacDonald
Senior Advisor | Conseillère principale
Fisheries Management | Gestion des pêches
Maritimes Region | Région des Maritimes
Fisheries and Oceans Canada | Pêches et Océans Canada
P.O. Box 1006 | C.P. 1006
Dartmouth, NS Canada B2Y 4T3 | Dartmouth, NÉ Canada B2Y 4T3
Kathryn.cooper-macdonald@dfo-mpo.gc.ca
Telephone | Téléphone 902-219-0463
Facsimile | Télécopieur 902-426-9683
Government of Canada | Gouvernement du Canada



From: MacDonald, Carl

Sent: Wednesday, July 18, 2018 11:19 AM

To: Greenlaw, Michelle <Michelle.Greenlaw@dfo-mpo.gc.ca>; Comeau, Peter <Peter.Comeau@dfo-mpo.gc.ca>; Stone, Heath H <Heath.Stone@dfo-mpo.gc.ca>

Cc: Potter, Ted <Ted.Potter@dfo-mpo.gc.ca>; Cooper-MacDonald, Kathryn <Kathryn.Cooper-MacDonald@dfo-mpo.gc.ca>; Quigley, Sara <Sara.Quigley@dfo-mpo.gc.ca>; Spence, Shannon <Shannon.Spence@dfo-mpo.gc.ca>; Smedbol, Kent <Kent.Smedbol@dfo-mpo.gc.ca>; Berthier, Jacinta <Jacinta.Berthier@dfo-mpo.gc.ca>

Subject: FW: Catch Monitoring Funding

Hi,

Slight edits to the Proposal, we have replaced Secondary Species with the words **Small Scale Fisheries**.

Please use Small Scale fisheries moving forward.

See below, NHQ is fine with our changes in use of Catch Monitoring funds. Green light provided.

From a Resource Management perspective, Science can proceed with the work as described.

Shannon Spence is the contact in RM in terms of gaining funds. \$ 133K

I understand code 21955-810-120-62061 should be used.

Regards,

Carl MacDonald
Resource Management
Fisheries & Oceans Canada | Government of Canada
Carl.MacDonald@dfo-mpo.gc.ca | Tel: 902-293-8257 | Fax: 902-426-7967

Regional agent principal de gestion des pêches, Gestion des ressources
Pêches et Océans Canada | Gouvernement du Canada
Carl.MacDonald@dfo-mpo.gc.ca | Tél: 902-293-8257 | Télécopieur: 902-426-7967

From: Schjott, Natalie
Sent: 2018-July-18 10:37 AM
To: MacDonald, Carl
Cc: Clemens, Marc; Potter, Ted; Bernier, Chantal
Subject: RE: Catch Monitoring Funding

Hi Carl,

Apologies for the delay.

Marc Clemens confirmed there are no issues from his perspective. I've also checked with the National ELOGS folks and they support although I understand there is need to identify onboarding fisheries in order to proceed with bridging – I assume this is part of your plan.

Green light from NHQ.

I will have Chantal contact you when she returns about updating documents if she doesn't have enough info here.

Thanks!

From: MacDonald, Carl
Sent: July-18-18 9:10 AM
To: Schjott, Natalie
Cc: Clemens, Marc; Potter, Ted
Subject: RE: Catch Monitoring Funding

Hi Natalie,

As per the below, do I have NHQ concurrence.

Regards,

Carl MacDonald
Resource Management
Fisheries & Oceans Canada | Government of Canada
Carl.MacDonald@dfo-mpo.gc.ca | Tel: 902-293-8257 | Fax: 902-426-7967

Regional agent principal de gestion des peches, Gestion des ressources
Pêches et Océans Canada | Gouvernement du Canada
Carl.MacDonald@dfo-mpo.gc.ca | Tél: 902-293-8257 | Télécopieur: 902-426-7967

From: MacDonald, Carl
Sent: 2018-July-10 3:35 PM
To: Schjott, Natalie
Cc: Clemens, Marc; Potter, Ted
Subject: Catch Monitoring Funding

Hi Natalie,

As per our discussion, attached are amended project proposals concerning Catch Monitoring Funding in the Maritimes Region.

Video Monitoring funds available for the Pelagic Longline Fishery were \$138,431 (project is not moving forward)

Proposal is to move \$133K to Small Scale Fisheries Framework Project, including Port Sampling (attached).

Unfortunately, the small scale fisheries in the Maritimes Region have been proceeding with very little monitoring and require some focused attention to move forward with a more comprehensive approach to catch monitoring.

The Video Monitoring Project for the Mobile Gear Haddock fishery in 5Z is progressing however it is anticipated the Region will not be spending all \$150k this fiscal due to logistics of gaining service providers.

Proposal is to move \$30K to Elogs bridging work between MARFIS database and Elogs National Database (attached).

I have discussed the revised projects here in the Region with the Director of Resource Management and Regional Director. They are in agreement with proceeding. I am looking for NHQ concurrence with this change in direction. FMOC reports would be updated as required.

Any questions, please contact me.

Regards,

Carl MacDonald
Resource Management
Fisheries & Oceans Canada | Government of Canada
Carl.MacDonald@dfo-mpo.gc.ca | Tel: 902-293-8257 | Fax: 902-426-7967

Regional agent principal de gestion des peches, Gestion des ressources
Pêches et Océans Canada | Gouvernement du Canada
Carl.MacDonald@dfo-mpo.gc.ca | Tél: 902-293-8257 | Télécopieur: 902-426-7967

Hartney, Anthony

From: MacDonald, Carl <Carl.MacDonald@dfo-mpo.gc.ca>
Sent: Tuesday, July 10, 2018 2:35 PM
To: Schjott, Natalie
Cc: Clemens, Marc; Potter, Ted
Subject: Catch Monitoring Funding
Attachments: Electronic logbooks funding 10_07_2018.docx; Catch Monitoring Proposal Secondary Species 10_07_2018.docx

Hi Natalie,

As per our discussion, attached are amended project proposals concerning Catch Monitoring Funding in the Maritimes Region.

Video Monitoring funds available for the Pelagic Longline Fishery were \$138,431 (project is not moving forward) **Proposal is to move \$133K to Small Scale Fisheries Framework Project, including Port Sampling (attached).** Unfortunately, the small scale fisheries in the Maritimes Region have been proceeding with very little monitoring and require some focused attention to move forward with a more comprehensive approach to catch monitoring.

The Video Monitoring Project for the Mobile Gear Haddock fishery in 5Z is progressing however it is anticipated the Region will not be spending all \$150k this fiscal due to logistics of gaining service providers. **Proposal is to move \$30K to Elogs bridging work between MARFIS database and Elogs National Database (attached).**

I have discussed the revised projects here in the Region with the Director of Resource Management and Regional Director. They are in agreement with proceeding. I am looking for NHQ concurrence with this change in direction. FMOC reports would be updated as required.

Any questions, please contact me.

Regards,

Carl MacDonald
Resource Management
Fisheries & Oceans Canada | Government of Canada
Carl.MacDonald@dfo-mpo.gc.ca | Tel: 902-293-8257 | Fax: 902-426-7967

Regional agent principal de gestion des peches, Gestion des ressources
Pêches et Océans Canada | Gouvernement du Canada
Carl.MacDonald@dfo-mpo.gc.ca | Tél: 902-293-8257 | Télécopieur: 902-426-7967

E-Logs Bridging Project

The Electronic logbooks client application (Elogs) allows fish harvesters to electronically enter and transmit fishing catch and effort information to DFO. National implementation of ELOGS will allow both fish harvesters and DFO to take advantage of innovative technology to facilitate a more effective management of catch and effort information, and modernize the way we do business. Timely and accessible catch and effort data ultimately helps DFO support the sustainable management of fisheries resources.

The goal of the Maritimes Region is to have some fish harvesters using Elogs during Phase II of project implementation in 2019. There is significant work to be done in order for the Maritimes Region to successfully use Elogs along with the Maritimes Fisheries Information System (MARFIS). The Elogs application presently accepts only log data and the MARFIS system needs both log and slip or weigh-out data. It needs all of this data for quota calculation and to track the actual harvest of fishers. There are two major items that need to be worked on in order for Elogs and MARFIS to be successfully used together.

One item of work is to bring the log data entered via Elogs into the MARFIS database. This will be done by creating a data bridge between the national Elogs database and the MARFIS database. Currently, only log data will be bridged as this is what is contained in the Elogs database. If the Elogs database starts accepting slip data then this will need to be bridged over as well. A separate bridging process will need to be created for each fishery that uses Elogs. The processes will share some common features but will have different attributes as well.

The second aspect of the bridging process is to make sure the data that is brought over from the Elogs system is integrated with the related slip and hail data in MARFIS. The two systems will need a method to recognize the individual trips so that slip, log, and hail data from the same fishing trip can be matched.

The bridging process will require extensive testing to ensure the correct data is being carried over from Elogs and that quota is being updated properly.

It is estimated that it would take about 90 working days to create a proper bridging process and to complete appropriate integration testing. The daily rate for a casual employee at the top of the CS-02 scale is approximately \$330. Therefore, it is estimated the Elogs bridging process would cost approximately \$30,000. The goal would be to complete the integration for as many different types of logbooks as possible in those 90 days, focusing on Phase II fisheries as the priority.

Title: Framework the Small Scale Fisheries At-Sea-Observer and Port Sampling Programs

Investigators: Michelle Greenlaw (Co-Lead), Role: Regional Science lead for Small Scale Fisheries
Sara Quigley (Co-Lead), Role: Senior Advisor RM, Advisor for many Small Scale Fisheries
Don Clark, Role: At-Sea-Observer experience from other fisheries
Adam Cook, Role: Advise from the new lobster catch monitoring program
Heath Stone: Science Coordinator, Regional Port Sampling and at-sea Observer Programs

Purpose: The purpose of this project is to evaluate and create a framework for at-sea-observer coverage and port sampling for Small Scale Fisheries, with willingness from Resource Management to apply the framework and improve the process. The intent is that project outcomes will support improved, regionally consistent monitoring for Small Scale Fisheries and move these fisheries closer to establishing reference points, and fishery stock assessments.

Objectives: The specific objectives of this project are to:

1. Evaluate current levels of at-sea-observer data for Small Scale Fisheries, through evaluation of the spatial and temporal coverage of historical observer data.
2. Evaluate the current protocols for achieving observer coverage targets for Small Scale Fisheries
3. Provide a framework to ensure there are appropriate levels of at-sea-observer coverage to characterize vessel-based Small Scale Fisheries.
4. Improve the port sampling (dockside) coverage of Small Scale Fisheries

Project Description:

In the Maritimes Region, the designation of Small Scale Fisheries represents emerging and other targeted stocks that have a value and volume of landings that is relatively small, or fisheries that are exploratory in nature. Despite their individual low landings, Small Scale Fisheries represent a significant total landed value of approximately 28 million dollars in the Maritimes Region. For these fisheries it is expected that monitoring and assessment frameworks will be developed and maintained by the industry, although in practice the majority of these industries have limited resources and/or interest in moving forward with science to establish a sustainable harvesting plan.

To better monitor these fisheries from the perspective of supporting a precautionary approach to harvesting, a first step will be achieving appropriate levels of at-sea-observer coverage. Currently, despite the industry complying with requirements, coverage levels have continuously not been achieved. At-sea-observer coverage is one of the only forms of monitoring available for many of these species, as there are no industry-lead surveys, and these species are not well captured in DFO-led surveys. A second step is to improve the level of port sampling (at dockside) for Small Scale Fisheries, by increasing the amount of coverage in areas of Nova Scotia where many of these species are landed.

This is a joint proposal, between Science and Resource Management, to address concerns over catch monitoring in Small Scale Fisheries fisheries. The project will develop a framework to achieve appropriate levels of catch monitoring in Small Scale Fisheries fisheries. This proposal will have cross-

cutting implications for how we execute fishery monitoring for the Maritimes Region Small Scale Fisheries fished using vessels (i.e. for hagfish, Jonah crab, rock crab, red crab, whelk and sea cucumber).

The project will begin by investigating improvements and alternate strategies for catch monitoring. This will be achieved by analyzing data on catch, length frequency, discards and bycatch from at-sea-observer coverage, logbooks and port sample collections. An analysis will also be completed to determine the levels of at-sea-observer sampling (and port sampling) necessary for adequately characterizing the fishery. The analysis will include the temporal and spatial distribution of at-sea-observer samples.

This project works towards objectives in the draft catch monitoring policy, including evaluation of the current monitoring program and identifying risks, identifying new monitoring objectives and operationalizing the plan. The project is expected to create efficiencies by using methods that can be applied over multiple species. The project will require harvest participation and buy in to improve catch monitoring and reporting, and Resource Management is willing to take the framework forward to achieve these aspects.

Methodology/Workplan 2018-2019:

Evaluation: Investigate through literature review, and advice from other MR fisheries (lobster) the levels of observer coverage necessary to adequately characterize the fishery, and its bycatch. Use DFO databases for observer and landings data to investigate the achieved spatial/temporal coverage of at-sea-observer data for Small Scale Fisheries fisheries. Provide estimates of actual coverage vs ideal coverage levels specific to each fishery. Provide an evaluation of monitoring components measured by at-sea-observers specific to each fishery.

Improve Protocols: Outline the current protocols for at-sea-observer coverage, including a detailed investigation as to why the current coverage levels are not being achieved. Recommend improvements to the process using the current strategy of at-sea-observer companies, and outline alternative options if there are continuing deficiencies in coverage levels using this approach.

Develop Framework: A framework will combine the elements from the evaluation and protocols for resource management. This component will involve meetings with resource management to outline achievable timelines for implementing the framework, communicating changes with the industry, incorporating industry feedback on the framework, evaluating whether the changes are working, and moving forward with alternative options if coverage is still not achieved.

Operationalize Plan: Develop materials and protocols for at-sea-samplers for moving forward with alternate at-sea-observer plan. This will include time at sea with fishers to ensure feasibility

Enhanced Port Sampling: The Port Sampling Program is conducted by the Population Ecology Division (PED) at BIO and is an integral part of the assessment process for several groundfish stocks in the Maritimes Region. Port samplers collect detailed length information and aging material from over 14 stocks/species by gear type, area and quarter which are an essential data input used in several analytical stock assessments. They also conduct detailed biological sampling for special research projects initiated

by PED Science staff to evaluate stock structure, fish condition and maturity stages, and to calculate quarterly length-weight relationships for use in catch at age calculations.

Over the past several years, the Port Sampling Program has had only one full-time port sampler, and has relied on hiring a casual employee during the busy peak summer fishing period to help meet the sampling requirements established by assessment leads for the 5Zjm and 4X5Y stocks of cod/haddock, Eastern and Western Component Pollock, Unit II and Unit III redfish, 4VWX silver hake, halibut, winter flounder and white hake. In 2017, the casual port sampler was able to collect 125 samples in addition to the 342 samples collected by the full time port sampler which greatly enhanced the seasonal coverage by gear sector for several species/fisheries including Small Scale Fisheries.

The addition of a casual port sampler would allow the program to collect samples for a number of Small Scale Fisheries, i.e. hagfish, monkfish, mackerel, white hake, Atlantic wolffish, Jonah crab, rock crab etc., which would not be sampled unless a second sampler was available. Since most of the hagfish are currently landed in southwest Nova Scotia (Cape Sable Island), a casual port sampler based out of Yarmouth would have easy access to sampling these catches at dockside. It will also give the program the flexibility to conduct specialised more detailed biological sampling on our regularly sampled stocks such as 5Z Cod and 5Z/4X Haddock. These biological samples will enhance the knowledge of the stocks and help answer questions related to productivity which will enhance our assessments.

The cost of the casual port sampler for 90 days at the EG-04 level would be approximately \$21K. The sampling program has adequate O&M to cover operational expenses.

Application: Application of the framework will be outside of the of the scope of this potential funding, however the project leads have committed to moving the work forward to achieve the goals of the project through their regular A-base funding, and regular yearly advisory committee meetings with the industry.

Deliverables:

1. Framework combining the on the cumulative work of the project
1. Operationalize plan – Materials and protocols for at-sea samplers
2. Workshop (face-to-face) with Resource Management to develop a workplan for multi-year application of the framework by Science and RM
3. Workshop with Science, RM and key industry participants to present plan, incorporate feedback, develop buy-in. Discuss funding models.
4. Additional Port samples of Small Scale Fisheries

Funding:

\$130,000 Funds available for this FY.

Funds to be used by end of fiscal 2018-2019 FY.

Budget:

Type	Requested	A-base Amount contributed from DFO programs		B-base amount contributed from DFO Programs		Total
		Cash	In kind	Cash	In kind	
Salary (Bi-02s)	83k		60k			143k
Travel	16k					16k
Salary (EG-04)	21k					21k
Other	n/a					
Overhead (10%)	10k					10k
Total	133k		60k			133k

Details of Budget:

Salary: 38k for a Bi-2 level for 6 months to provide support related to the evaluation component of the program. 45k for another Bi-2 level, for 7 months, to provide support for the protocol side of the program, and developing materials related to at-sea-observer sampling, and 21k to hire a casual port sampler based in SWNS. The cost of the casual port sampler for 90 days at the EG-04 level would be approximately \$21K. A-base in In-kind: 50 k (estimated) salary associated with the time devoted to this project by the Science Lead (20% of a Bi-3), 10% RM Lead, and participating collaborators.

Travel: Travel for staff to observe at-sea-sampling (10 k), for workshop with resource management for three project staff (3 k), workshop with industry (3k)

Overhead: based on regional tax rate of 10%

Hartney, Anthony

From: MacDonald, Carl <Carl.MacDonald@dfo-mpo.gc.ca>
Sent: Wednesday, July 18, 2018 10:19 AM
To: Greenlaw, Michelle; Comeau, Peter; Stone, Heath H
Cc: Potter, Ted; Cooper-MacDonald, Kathryn; Quigley, Sara; Spence, Shannon; Smedbol, Kent; Berthier, Jacinta
Subject: FW: Catch Monitoring Funding
Attachments: Catch Monitoring Proposal Secondary Species 10_07_2018.docx

Hi,

Slight edits to the Proposal, we have replaced Secondary Species with the words **Small Scale Fisheries**. Please use Small Scale fisheries moving forward.
See below, NHQ is fine with our changes in use of Catch Monitoring funds. Green light provided.
From a Resource Management perspective, Science can proceed with the work as described.
Shannon Spence is the contact in RM in terms of gaining funds. \$ 133K
I understand code 21955-810-120-62061 should be used.

Regards,

Carl MacDonald
Resource Management
Fisheries & Oceans Canada | Government of Canada
Carl.MacDonald@dfo-mpo.gc.ca | Tel: 902-293-8257 | Fax: 902-426-7967

Regional agent principal de gestion des peches, Gestion des ressources
Pêches et Océans Canada | Gouvernement du Canada
Carl.MacDonald@dfo-mpo.gc.ca | Tél: 902-293-8257 | Télécopieur: 902-426-7967

From: Schjott, Natalie
Sent: 2018-July-18 10:37 AM
To: MacDonald, Carl
Cc: Clemens, Marc; Potter, Ted; Bernier, Chantal
Subject: RE: Catch Monitoring Funding

Hi Carl,

Apologies for the delay.

Marc Clemens confirmed there are no issues from his perspective. I've also checked with the National ELOGS folks and they support although I understand there is need to identify onboarding fisheries in order to proceed with bridging – I assume this is part of your plan.

Green light from NHQ.

I will have Chantal contact you when she returns about updating documents if she doesn't have enough info here.

Thanks!

From: MacDonald, Carl
Sent: July-18-18 9:10 AM
To: Schjott, Natalie
Cc: Clemens, Marc; Potter, Ted
Subject: RE: Catch Monitoring Funding

Hi Natalie,

As per the below, do I have NHQ concurrence.

Regards,

Carl MacDonald
Resource Management
Fisheries & Oceans Canada | Government of Canada
Carl.MacDonald@dfo-mpo.gc.ca | Tel: 902-293-8257 | Fax: 902-426-7967

Regional agent principal de gestion des peches, Gestion des ressources
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Carl.MacDonald@dfo-mpo.gc.ca | Tél: 902-293-8257 | Télécopieur: 902-426-7967

From: MacDonald, Carl
Sent: 2018-July-10 3:35 PM
To: Schjott, Natalie
Cc: Clemens, Marc; Potter, Ted
Subject: Catch Monitoring Funding

Hi Natalie,

As per our discussion, attached are amended project proposals concerning Catch Monitoring Funding in the Maritimes Region.

Video Monitoring funds available for the Pelagic Longline Fishery were \$138,431 (project is not moving forward)
Proposal is to move \$133K to Small Scale Fisheries Framework Project, including Port Sampling (attached).
Unfortunately, the small scale fisheries in the Maritimes Region have been proceeding with very little monitoring and require some focused attention to move forward with a more comprehensive approach to catch monitoring.

The Video Monitoring Project for the Mobile Gear Haddock fishery in 5Z is progressing however it is anticipated the Region will not be spending all \$150k this fiscal due to logistics of gaining service providers.
Proposal is to move \$30K to Elogs bridging work between MARFIS database and Elogs National Database (attached).

I have discussed the revised projects here in the Region with the Director of Resource Management and Regional Director. They are in agreement with proceeding. I am looking for NHQ concurrence with this change in direction. FMOC reports would be updated as required.

Any questions, please contact me.

Regards,

Carl MacDonald

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Selig, Jane

From: Hole-Bagnell, Karen
Sent: April-25-18 1:18 PM
To: Daley, Annette
Cc: Wentzell, Doug; Valkenier, Mary-Ellen; Selig, Jane; Ramsey, Carol A; Caldwell, Sharon
Subject: FW: INFO/ACTION: FY 2018-19 Regional Financial Strategy - APPROVED April 24, 2018
Attachments: MASTER 2018-19_Strategic-Regional Priorities - as of April 24, 2018.xlsx

Good afternoon Annette,

Further to below, I am pleased to advise that Mary-Ellen has approved the SET strategy to move forward with a number of regional priority items. Please see the Master List attached and below which describes specifically which items **Fisheries Management** has received 'approval to move forward' with, which items have been 'wait listed', which items have been 'deferred or not approved', which items will be 'Risk Managed within Sector', and what the process and reporting expectations will be throughout this fiscal year.

Please note that all amounts are in O&M equivalent dollars (see attached for salary/O&M/capital/G&C breakdowns).

Approval to Move Forward:

Additional capacity for PIIFCAF	\$66,000
Aquaculture	
Development	\$131,152

Wait Listed:

Maritimes Region Aboriginal Guardian Career Progression Program Strategy	\$128,400
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Deferred or not approved:

Nil

Approved but Risk Managed within FM Sector:

Marine Stewardship Certification Process – Enhance C&P Compliance Monitoring Reporting	\$98,400
Third Party Data Management and Analysis (C&P Lead for a multi sector requirement)	\$197,000
AAR - Data Entry and policy development	\$46,496

Regional Reporting:

Finance will be monitoring, tracking and reporting to RET/SET at each regional financial synopsis period on the progress/status of your Approved items. Beginning in P.3 (June 25, 2018 extract date) please ensure that you show your Approved items as a deficit in your financial synopsis submission/attestation; no project codes for tracking purposes will be required (unless it is approved as an RRF item...see below). As you progress through the fiscal year please ensure that you are updating your financial synopsis submission/attestation for those Approved items that you have been able to absorb within existing budgets and ensure this is made very clear on your financial synopsis submission/attestation. It will be important to work very closely with your Financial Analyst to ensure your Approved item statuses are communicated opening and transparently.

Results Reserve Fund and Reporting:

I will be providing a coordination role for all regional RRF submissions; your support will be required and appreciated in completing the RRF template for your respective items moving forward for RRF funding; you will be contacted once we have the template and the RRF criteria is finalized (early May). Should any of your Approved items become funded through the RRF a budget transfer will be processed and the funding will go into your RC to offset your respective deficit. Any RRF funding received must be tracked using a project code (one will be supplied to you at that time); therefore, some re-coding would be likely.

Other:

For the items 'wait listed' we will be able to provide more information once the RRF approval decisions have been taken; likely P.4 (July). If we are successful with RRF submissions SET will be revisiting the 'Wait List' items for approval at that time.

For the Approved but Risk Managed within FM Sector, your three items will be absorbed within your own sector budget reference levels.

Thank you for your ongoing support in developing our FY 2018-19 Regional Financial Strategy; should you have any questions related to above please contact myself directly or your Financial Analyst.

K.

Karen Hole-Bagnell, CPA, CMA

Regional Director Finance | Directrice régionale des finances
Chief Financial Officer Sector | Secteur du dirigeant principal des finances
Maritimes Region | Région des Maritimes
Fisheries and Oceans Canada | Pêches et Océans Canada

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Dartmouth, NS | Dartmouth, N-É
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Government of Canada | Gouvernement du Canada

s.16(2)(c)

If you have received this communication by mistake, please notify the sender immediately and delete the communication without printing, copying or forwarding it. Thank you !

Si vous avez reçu cette communication par erreur, veuillez en aviser l'expéditeur immédiatement et la supprimer sans l'imprimer, la copier, ou la faire suivre. Merci!

From: Wentzell, Doug
Sent: April-19-18 9:08 AM
To: Valkenier, Mary-Ellen
Cc: Hole-Bagnell, Karen; Mackay, Nadine; Rossignol, Pauline
Subject: INFO/ACTION: 2018-19 Regional Financial Strategy - Final Approval of Proposed Regional List

Good Morning Mary-Ellen,

Following two discussions at SET and subsequent review from sector leads, Finance has updated the Master File to confirm our deliberations on which proposed items will be funded now versus post RRF decision (July) and we are seeking your approval to proceed with the attached plan. There are 4 tabs in the attached Excel file: **Summary** tab, **Master List** tab, **Deferred** tab and **Pan-Eastern** tab. In the Master List, we have included a 'Wait' column on the right hand side to capture those items that SET discussed could **wait** until the RRF decisions (likely July).

Please take some time to review the attached and Karen and I have scheduled 30 mins with you to discuss on Monday.

Bottom line:

Based on our discussions, we are proposing to move forward with \$3.7M in initiatives (of the \$5.6M proposed) and we will 'Wait' list \$1.9M items (\$5.6M minus \$1.9M = \$3.7M). Of the \$3.7M, we would be risk managing \$1.7M over and above the \$2.0M regional over-programming (which we are also risk managing in some respects). Essentially, we are suggesting that we could risk receiving \$1.7M in RRF funding approvals; however, as a mitigation strategy if we do NOT receive any RRF funding, this \$1.7M could be recovered by stopping the following:

- Communications staffing of 2 vacant positions and reduction in O&M spending
- FM PIIFCAF capacity – salary and O&M
- FM Aquaculture Development – salary and O&M
- SWNB Aboriginal program Implementation Officer and O&M
- Science - Centre of Indigenous Partnership at Mactaquac and O&M
- P&E lead Capacity funding for Indigenous Organizations and O&M
- SWNB Indigenous consultation & Engagement Coordinator and O&M

Next Steps:

1. Once approved, we will communicate to RET members the Regional Financial Strategy and ask them to move forward on the approved items.
2. Finance will monitor spending against our approved items as we move throughout the fiscal year.
3. I will continue to work with my counterparts to move items forward items for RRF Pan-Eastern consideration. If we cannot reach agreement among ARDGs to propose any of these items collectively, we will proceed with a Maritimes request under the RRF.
4. Once the call letter from CFO arrives I will work with SET and Karen to complete the necessary RRF documentation.

Many Thanks,
Doug

Doug Wentzell

Associate Regional Director General, Maritimes Region
Fisheries and Oceans Canada | Government of Canada
Doug.Wentzell@dfo-mpo.gc.ca | Telephone: 902-426-2250 | Facsimile: 902-426-2706

Directeur général régional associé, Région des Maritimes
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Regional Financial Strategy FY 2018-19
As at: April 10, 2018

Regional Over-programming: \$2.0M

Total Non-Indigenous Items being considered	3,585,694	See 'Master List' tab
Total Indigenous being considered	1,631,229	See 'Master List' tab
Grand Total Items being considered	5,216,923	
Less items that can wait or be absorbed	2,165,649	See 'Master List' tab and note Items indicating as 'Wait' will be discussed post RRF decisions
Regional Priority List Decision	3,051,274	
Less Regional Over-programming	2,000,000	
Risk Managing as a region until RFF decision	1,051,274	Additional Risk Managing until RRF decisions taken - if not funded will need to exit ramp some item

Results Reserve Fund \$30.4M Nationally:

Maritimes Submission	560,000	
PAN-Eastern	3,389,733	
National ADM lead Submission	854,297	
Grand Total RRF Submissions	4,804,030	16% of \$30.4M

Total Items proposed originally	8,090,771	See 'Master List' tab
Total Items deferred decision from April 6/10 SET	1,386,800	See 'Deferred' tab
Total Items being risk-managed by RD's	849,048	See 'Risk Mge within Sector' tab

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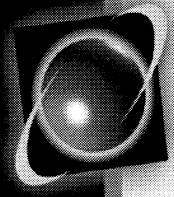
Items RD's agreed they could risk manage within their own sector budgets

				Amounts (dollars)							
Proposed Funding Item	Linked to Indigenous	Strategic Investment Description - how the funding will be used	Date by which decision is required	VOTE 1			G&C	ALL VOTES	Sector	Sector Priority	Comments
				Salary	EBP (20%)	O&M					
Marine Stewardship Certification Process – Enhance C&P Compliance Monitoring Reporting		Project Objective: In collaboration with industry and other DFO sectors: refine the MSC monitoring, compliance and surveillance sustainability indicators; improve data management; and enhance the planning and reporting process such the input into the MSC process transitions from and ad hoc information poor process to one the is proactive, systematic and information rich.		82,000	16,400		98,400		FM C&P	5	C&P is currently unfunded to plan for and support the Marine Stewardship Certification process within the Maritimes. The current requests for C&P is not well coordinated nor conducted in a timely manner. Expectations current exceed capacity! There is a definitive need for better planning, management and reporting on C&P activities that demonstrate industries compliance with critical management measures, thus providing supportive evidence of an environmentally sustainable fishery. PM-05 1 year term - Annette said C&P can absorb within existing reference levels.
Third Party Data Management and Analysis (C&P Lead for a multi sector requirement)		For our Dockside Monitoring Program (DMP), Maritimes region annually has over 20,627 fish landings; 12,346 have a monitor deployed. We have 61+ fisheries using varying degrees of dockside monitoring. There are four companies with over 120 observers which means a resulting 50,000+ documents (logs, tally's) for C&P to review. For the Vessel Monitoring System (VMS), Maritimes region has 1,513 registered vessels. 359 were active last year. Over 34 fisheries use the program. That means 359 vessels could potentially be monitored via tracking at any time. With Marine Conservation Target changes this tool will be of use to effective deployment of on water and in air resources. Our At-Sea Observer Program (ASOP) has two companies with over 60 observers. We receive over 700 to 900 reports a year from these observed trips and we are now considering requiring the very large lobster fleet in the region to use ASOP services for bycatch data collection. Pilots are also underway for additional third party monitoring items such as video monitoring to which the management, processing, storage, and analysis requirements will require significant investment from DFO.		155,000	31,000	11,000	197,000		FM C&P		Data integrity within the ASOP and DMP programs that C&P has oversight for is critical to accurate decision making in Management of multiple fisheries. The program is integral and ever expanding. Recent federal audits have pressed DFO to commit to improving administration of these programs which have over the years been losing resourcing. The sheer volume of information taken in speaks to DFO's requirement to invest resources into analysis and processing. Two analysts working for the 3rd Party Monitoring program will allow the region to set up processes for review, evaluation, and collation of incoming data and report as required to the system administrator for administration or standards issues, and to Detachments, Major Case, and/or the National Fisheries Intelligence Service any potential violations. This will shift C&P to the primary stakeholder in the data integrity and usage and ensure we have records of what was monitored and what was processed and/or investigated. Current systems like DVS and X-Fire would be used for recordkeeping. A gap analysis of the Maritimes region program is currently underway and a small part of this investment must go toward completing it by Summer 2018. The expected report should assist decision makers regionally and nationally in explaining the requirement to change the way we invest in these programs. Though third party programs are managed by C&P, demand for use is directly from other sections such as resource management, science, oceans protection, etc. No investments have been made to account for changes in demand. PM-04 Full-Time \$144K PM-04 Part-Time \$6K Overtime \$5K Annette said C&P can absorb within existing reference levels
AAR - Data Entry and policy development		Unfunded Core Program Delivery. The AAR requires industry to submit forms to the Department with information on how they run their business. This data must then be entered into a national database. The resource will assist in the data entry and reviewing any possible reporting under Transparency based on the option the Minister chooses.	Friday, March 30, 2018	37,080	7,416	2,000	46,496		FM	2	The Aquaculture Activity Regulations require industry to complete forms and submit them to the Department. Inputting this data into a national system is time consuming and unresourced. There is a chronic shortfall in the program and so no flexibility to hire any help. The Minister is calling for increased transparency for the program. It is essential we have someone who can liaise with industry, regional and local data as quickly as possible and be available to assist in reviewing any data proposed for public reporting. Annette said FM can absorb within existing reference levels.
Ecosystem Management - Oceans Coastal Management/Area Director Service Level Agreements: SWNS/SWNB/ENS		To continue pilot project initiated in FY 2017-18 for EM/Area Office Service Level Agreements to support Area Office capacity (1 FTE per Area) for EM related priorities during 2018-19	April-01-18	225,000	45,000	30,000	300,000		Ecosystem Management	2	Salary is 75,000 x 3, O&M is 10,000 x 3, Rhea indicated that this is likely absorbed by EM by y-e

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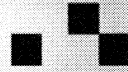
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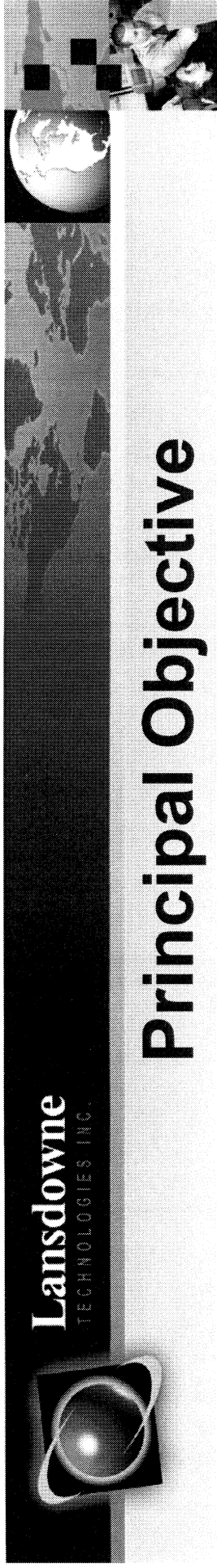
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TECHNOLOGIES INC.



Lobster Catch Monitoring Feasibility Study

Lonnie McNeill, Senior Consultant





Principal Objective

Develop a Feasibility Study/Provide An Implementation Plan for Catch Monitoring ^{DA6} the Gulf Region Lobster Fishery to:

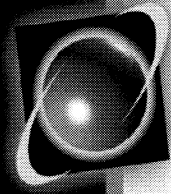
- Improve the Quality and Reliability of Landing Data
- Enhance the Lobster Stock Science Assessment
- Enhance DFO's Ability to Make Informed Fisheries Management Decisions for a Sustainable Fishery

Slide 2

DA6

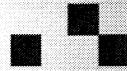
Catch Monitoring can be completed in various ways, but this feasibility study was conducted specifically looking at using the Docksider Monitoring Program. It may be best to be more clear and call it "Docksider Monitoring" rather than "Catch Monitoring"

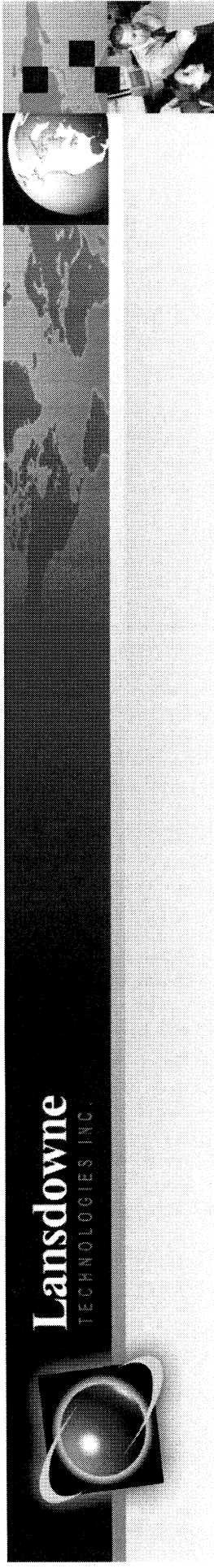
Dwyer, Alan, 20/11/2018



Tasks as outlined in DFO RFP

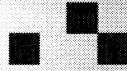
- Task 2.1.1 - Present Facts on Gulf Region Lobster Fishery
- Task 2.1.2 - Review DMP and Identify Gaps
- Task 2.1.3 - Develop Catch Monitoring Implementation Plan
- Task 2.1.4 - Provide Recommendation of Staff Requirements
- Task 2.1.5 - Provide Cost Analysis

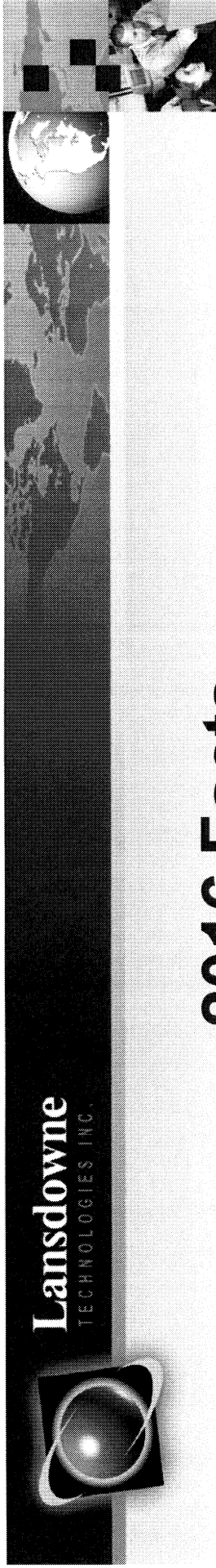




Approach/Conduct of Study

- Phase I: Read-In/Gathering of Information 20 Feb – 11 Mar
- Phase II: On-Site Visits 12-28 Mar
- Phase III: Analysis/Option Development 29 Mar – 26 Apr
- Phase IV: Reporting 27 Apr – 31 May

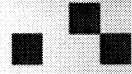


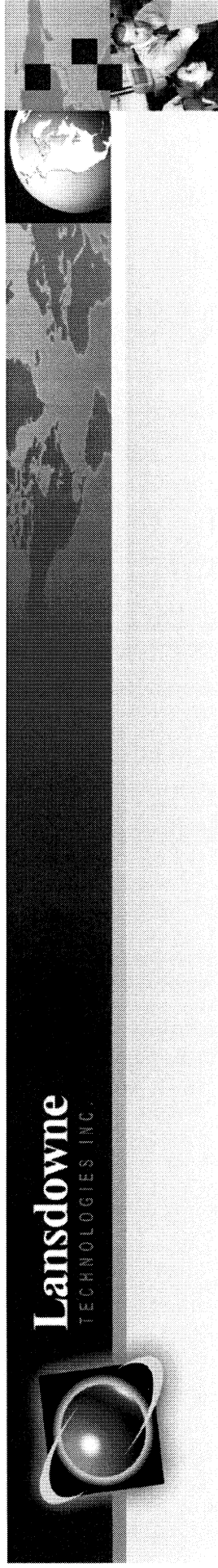


2016 Facts

AREA	PEI	ENB	GNS	TOTAL
# of LICENSES	1,274	1,105	584	2,963
# of TRIPS	59,176	35,899	24,880	119,955
# of WHARVES	64	54	49	167
AVG # TRIPS PER WHARF	925	665	508	718

LFA	23	24	25	26A	26B	TOTAL
# of LICENSES	679	683	647	736	218	2,963
# of TRIPS	21,869	31,043	25,173	32,424	9,446	119,955
# of WHARVES	31	29	39	52	18	167
AVG # TRIPS PER WHARF	705	1,070	645	624	525	718

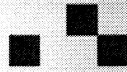


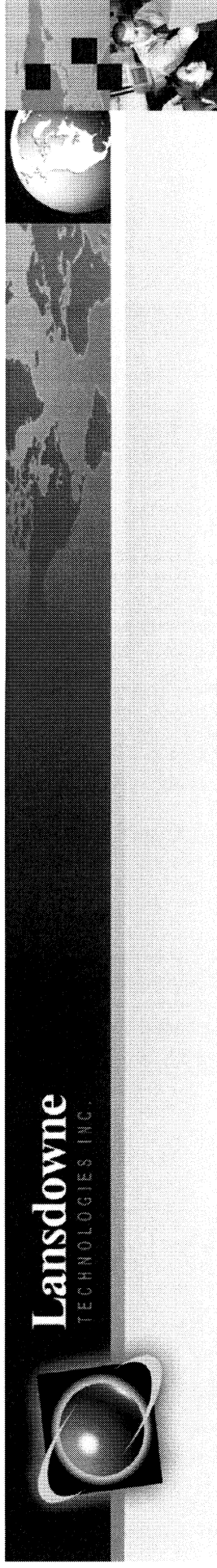


Analysis of Facts

- PEI accounts for 43% of licenses and 49.3% of trips
- ENB accounts for 37.3% of licenses and 29.9% of trips
- GNS accounts for 19.7% of licenses and 20.8% of trips
- 48 busiest ports see over 76% of total trips in the Gulf

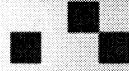
Region





Dockside Monitoring Program – Gaps

- Using number of buying stations as an approximate guide to determine number of observers ^{DA3} needed for 100% monitoring:
 - Prince Edward Island - 91 spring/22 summer/fall
 - New Brunswick - 62 spring/44 summer/fall
 - Nova Scotia - 78 spring/4 summer/fall
- **Total – 231 spring/70 summer/fall**



Slide 7

DA3

As discussed, probably best to change the word observers to monitors throughout the deck.

Dwyer, Alan, 20/11/2018



Current Lobster Log Book



Fisheries and Oceans
Pêches et Océans

Lobster fishery logbook
Journal de bord - Pêche du homard

No. L 0008876

Einige wichtige Punkte zum Diskurs der Nachhaltigkeit

Vehicle Registration Number (VIN)
Number of registration and the license
(NEN)

Lobster licence no.
No. de permis du Homard

Logbook Zone
Zone de Journal de Bord

Vessel Name
Nom du Bateau

Trans / Consors

[illegible]

Licence holder/operator
 Dittmannsberg, Germany

Signature _____

Missing Key Information

- Weigh-Out Data
 - Date sold
 - Buyer
 - Actual Weight
 - Price
- Precise Fishing Location
- Dockside Observer
- Signature & Confirmation Number

Slide 8

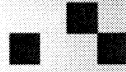
- DA8** I understand the elog data elements are approved so that software can be prepared by companies to make elogs for the 2019 season. We should verify what data will be missing from the elog as well as what was missing from the paper logbook. Maybe it's the same, I'm unsure, but it should be noted.

Dwyer, Alan, 20/11/2018



Options for Catch Monitoring in 2019

1. Full 100% Monitoring
2. Partial Monitoring (Commencing at 5%)
3. Data Entry Only
4. Pilot Project in one LFA or Sub-Area
5. Delay Monitoring Until 2020
6. Use of ELOG with Random Checks by Compliance Officers



Slide 9

DA2

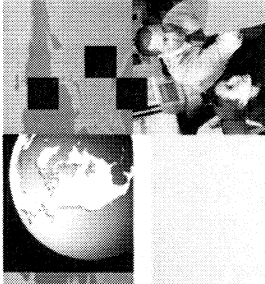
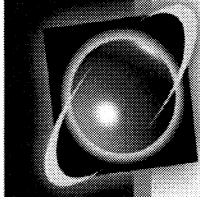
I don't see any reference to timelines (years) in the previous slides, but I'm assuming that Lonnie will speak to that. Should we look at ordering these a bit differently to move from least to greatest so as to reduce noise from industry ? I thought that industry is expecting number 6 to occur in 2019?

Dwyer, Alan, 19/11/2018

DA9

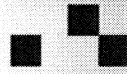
6, 3, 4, 2, 1, 5

Dwyer, Alan, 20/11/2018



Option 1 - Full 100% Monitoring

- Advantages
 - Supports recognition of requirement for catch monitoring by DMCs^{DA4} and DFO
 - There are no discrepancies in information - fishers/buyers throughout the region are operating under the same conditions
 - Increased employment opportunities in each province^{DA5}
 - Help identify trends, challenges and problems quickly
 - Potential to reach desired end state of sustainable lobster fishery more quickly
- Disadvantages
 - Risk that DMCs do not have time to develop new business model, potentially overwhelming DMCs in hiring/training/deploying sufficient observers to handle the increased workload
 - No backup if the DMCs fall short in recruitment
 - Greater potential for delays offloading the catch, thereby causing dissatisfaction among buyers/fishers



Slide 10

DA4

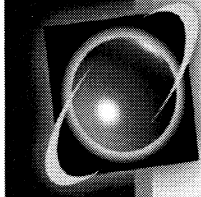
As mentioned, I would remove "DMCs" here as they actually do not require the catch monitoring.

Dwyer, Alan, 20/11/2018

DA5

While this is true, industry may see it coming at their expense and may not consider it an advantage. Regardless, good to note.

Dwyer, Alan, 20/11/2018



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Option 2 - Partial Monitoring (Commencing at 10%,^{DA12})

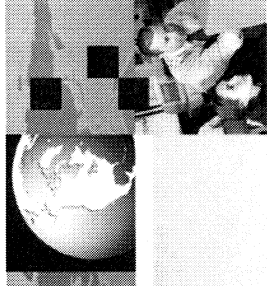
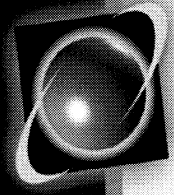
- Advantages
 - DMCs can develop new business model
 - DMCs don't need to hire/train/deploy as many observers at once
 - Ease toward achieving desired end state
 - Greater flexibility to move observers around to get the required coverage
 - Decreases the risk of failure
 - Decreases the likelihood of having delays in offloading and causing dissatisfaction among buyers/fishers
- Disadvantages
 - Higher likelihood of having missing/inaccurate catch data until full implementation is realized
 - Incomplete information on catches could potentially impact analysis

Slide 11

DA12

As discussed, we should be consistent with the % coverage noted throughout the deck for partial coverage.

Dwyer, Alan, 20/11/2018



Option 3 - Data Entry ^{DA14} Only

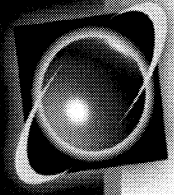
- **Advantages**
 - Provides greater lead time for DMCs to prepare for full catch monitoring
 - DMCs/fishers/buyers can establish a working relationship in dealing with the log entries
 - DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year
 - Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations
- **Disadvantages**
 - No verification of what is being caught for first year
 - Could adversely affect current arrangements in Statistics for part time data entry staff
 - Greater likelihood of having missing/inaccurate catch data

Slide 12

DA14

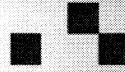
The DMCs are already doing this in the Maritimes Region.

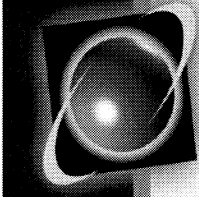
Dwyer, Alan, 20/11/2018



Option 4 - Pilot Project in one LFA or Sub-Area

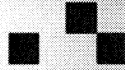
- **Advantages**
 - Allows testing of implementation plan on a smaller scale to provide lessons learned for smoother transition/implementation in the rest of the region
 - Reduced cost
 - Allow DFO resources to focus on one area
- **Disadvantages**
 - May not be well received in the area selected for the trial
 - Will be challenging for DMCs in selected area
 - Delays overall implementation
 - Would require a different log book; as a result, two different logs could be in use in the Gulf Region if the other areas do not use new log book

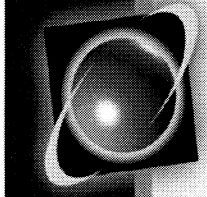




Option 5 - Delay Monitoring Until 2020

- Advantages
 - Provides greater lead time for DMCs to prepare for full catch monitoring
 - DMCs/fishers/buyers can establish a working relationship in dealing with the log entries
 - DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year
 - Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations
- Disadvantages
 - No verification of what is being caught for first year
 - Continued likelihood of having missing/inaccurate catch data



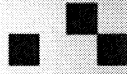


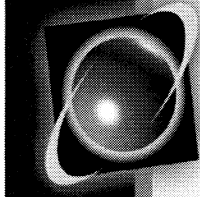
Lansdowne
TECHNOLOGIES INC.



Option 6 - Use of ELOG with random checks by Compliance Officers

- **Advantages**
 - ELOG, once configured to capture required fishery information and fully implemented, will provide required data in real time
 - Does not affect efficiency of offloading
 - Takes away requirement for paper log book
- **Disadvantages**
 - Except for the random checks, does not provide independent third-party verification
 - Potential increased costs to expedite implementation of ELOG
 - There may be delays as DFO information systems are adapted for ELOG





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TECHNOLOGIES INC.



DMC Staffing Requirements

- **Current Dockside Observers**
 - 90-100
- **Anticipated Dockside Observers**
 - 210-250 for the spring season
 - 60-80 for the summer/fall season
- **Data Entry**
 - Approximately 10
 - One or two people per DMC





DFO Cost Estimates for 2001 Pilot Project

Lobster Fishing Area	23	24	25	26A	26B
Number of Fishers	722	614	793	749	251
Number of Trips*	37,984	31,556	30,235	36,071	11,790
Avg # of Landings per Season	54	50	36	48	49
Cost for Weight Verification	\$540.00	\$500.00	\$360.00	\$480.00	\$490.00
Cost for Fisher for Data Entry	\$18.00	\$17.00	\$15.00	\$16.00	\$17.00
Total Cost per Fisher	\$558.00	\$517.00	\$375.00	\$496.00	\$517.00
Cost to Buyer per Fisher	\$540.00	\$500.00	\$360.00	\$480.00	\$490.00
Total Cost - Fishers and Buyers	\$1,098.00	\$1,017.00	\$735.00	\$976.00	\$997.00
Total Cost	\$792,756.00	\$624,438.00	\$582,855.00	\$731,024.00	\$250,247.00

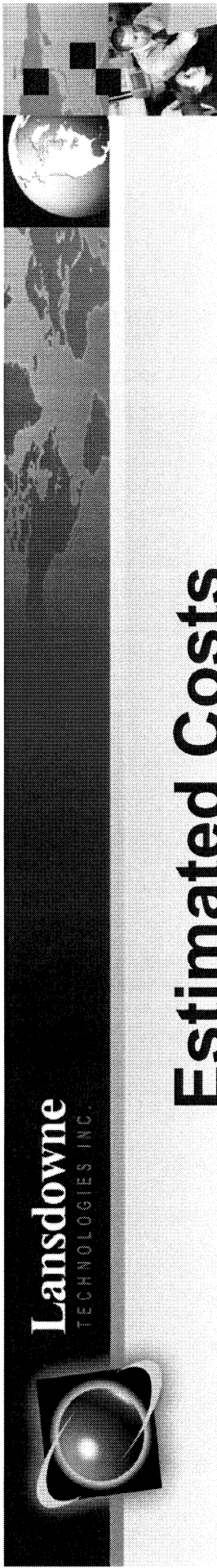
* Based on 2001 Data

Slide 18

DA11

This slide to be removed as discussed.

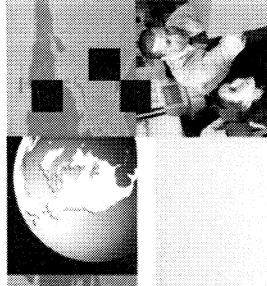
Dwyer, Alan, 20/11/2018



Estimated Costs

Year	Data Entry	Monitoring	Total Program Cost
2019	\$570,000	10% - \$420,000 - \$540,000	\$960,000 - \$1,080,000
2020	\$540,000	25% - \$1,050,000 - \$1,350,000	\$1,500,000 - \$1,800,000
2021	\$450,000	50% - \$2,100,000 - \$2,700,000	\$2,400,000 - \$3,000,000
2022	\$150,000	75% - \$3,150,000 - \$4,050,000	\$3,300,000 - \$4,200,000
2023		100% - \$3,600,000 - \$4,800,000	\$3,600,000 - \$4,800,000

Cost per trip estimated at \$30-\$40



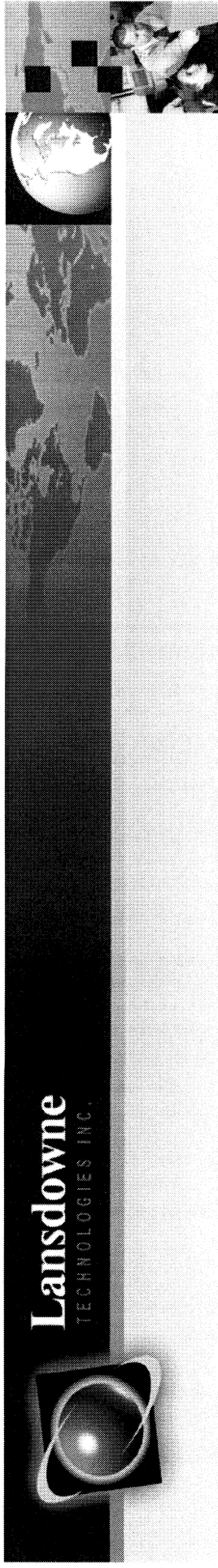
Summary

- Catch^{DA10} monitoring in the Gulf Region lobster fishery is feasible
- Range of options available
- Recruiting, training, retaining dockside observers for 100% monitoring and requirement for DMCs to adapt/revise business processes accordingly is biggest challenge – phased approach provides greater chance for success
- Use of technology important
- Continued engagement with all stakeholders is key

Slide 20

DA1 Dwyer, Alan, 19/11/2018

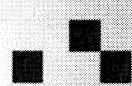
DA10 **Dockside**
Dwyer, Alan, 20/11/2018



Lansdowne Technologies Inc.

(613) 236-3333

www.lansdowne.com



Moore, Benjamin

From: Massiera, Josiane
Sent: January-30-19 1:40 PM
To: Moore, Benjamin
Subject: FW: Discussion Lobster DMP for Gulf Region

fyi

From: Dupuis, Monique
Sent: January-30-19 10:59 AM
To: Ricky Doyle
Subject: RE: Discussion Lobster DMP for Gulf Region

Bonjour Ricky,
Thank you for your e-mail.

We haven't ironed out the details of the paperwork yet. At this time, we are consulting with the DMC to obtain their point of view on this initiative. Once the consultations are completed, we will provide clear directions on the next steps. Note that I suggested that we use the same DMP Weigh out summary form that is already in use for the DMP in the other species to remain consistent but no decision has yet been taken.

My apologies for not having all the information at this time.

Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Ricky Doyle <rickydoyle@seatracker.ca>
Sent: January 30, 2019 10:16 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Re: Discussion Lobster DMP for Gulf Region

Thanks for the chat yesterday.

I just wanted to follow up to see what type of documentation would be required if we do go forward with this initiative?

Thanks,

Ricky Doyle
Sea Tracker Dockside Monitoring

902-882-2625 (office)
902-214-0017 (cell)
www.seatracker.ca

On Tue, Jan 29, 2019 at 9:59 AM Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Bonjour Ricky,

This will be an informal discussion for us to get an idea of the number employees on staff and work load during the spring (April 30-June 30) and Summer/Fall (August 9-October 10) periods and if there is room to accommodate a small lobster coverage.

Thanks!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection

Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Ricky Doyle <rickydoyle@seatracker.ca>

Sent: January 29, 2019 9:46 AM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Subject: Re: Discussion Lobster DMP for Gulf Region

Anything in particular i should be prepared for?

On Tue, Jan 29, 2019, 9:42 AM Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Excellent. Looking forward to the discussion. ☺

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection

Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Ricky Doyle <rickydoyle@seatracker.ca>

Sent: January 29, 2019 9:41 AM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Subject: Re: Discussion Lobster DMP for Gulf Region

Yes I can do 3 pm.

On Tue, Jan 29, 2019, 9:34 AM Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Hi,

Would 3pm this afternoon be possible? If not, I can schedule for tomorrow.

Coordinates to join the meeting:

1-877-413-4781

ID Code: [REDACTED]

Thank you and have a great day!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordinatrice de programme d'observateur en mer et PVQ , Conservation et protection

Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Ricky Doyle <rickydoyle@seatracker.ca>

Sent: January 29, 2019 9:06 AM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Subject: Re: Discussion Lobster DMP for Gulf Region

Pretty flexible. I do have a meeting at 2 today but after that I can move stuff around to accommodate.

On Tue, Jan 29, 2019, 9:04 AM Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Bonjour,

Are you flexible anytime during the day or is there a time range that works best for you?

Thanks!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection

Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Ricky Doyle <rickydoyle@seatracker.ca>

Sent: January 29, 2019 9:02 AM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Subject: Re: Discussion Lobster DMP for Gulf Region

Yes anyday but Friday works.

On Tue, Jan 29, 2019, 8:58 AM Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Bonjour Ricky,

We would like to have a teleconference discussion on lobster DMP in the Gulf Region. Would you be available this week for a 30-60 minutes discussion ? If so, we will provide you with the log-in number.

Thank you and have a great day!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation
et protection

Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Moore, Benjamin

From: Massiera, Josiane
Sent: November-27-18 8:43 AM
To: Gaudet, Mario; LeBlanc, Carole L
Cc: Comeau, Sandra J; Dwyer, Alan; Moore, Benjamin
Subject: RE: Catch monitoring - info from Maritimes

I think this (how can a Region legally not issue licence conditions when the licence holder does not submit its log) should be an item for inter-regional discussions....I thought there was a forum for these kind of discussions?

Josiane

From: Dwyer, Alan
Sent: November-27-18 8:22 AM
To: Moore, Benjamin; Massiera, Josiane
Cc: Comeau, Sandra J
Subject: RE: Catch monitoring - info from Maritimes

Yeah, that was my understanding as well Ben. We tried withholding herring / mackerel bait licences when logs were not submitted a few years back but we stopped doing that, as I understand because of the legality.

I'm not sure we were actually challenged on the issue, but if other Regions are still doing it, it's too bad we can't. I would bet it is a good measure to get compliance for logbooks.

Alan

From: Moore, Benjamin
Sent: Tuesday, November 27, 2018 8:06 AM
To: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Cc: Dwyer, Alan <Alan.Dwyer@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>
Subject: RE: Catch monitoring - info from Maritimes

Just as an FYI I don't think we have a legal right to withhold someone's licence unless it is a court order from the Judge. So if someone didn't return log sheets and it was in their COLs they could be charged and if then the just ordered the licence not to be issued or suspended then it could be withheld.

From: Massiera, Josiane
Sent: November-26-18 4:14 PM
To: Lonnie McNeill
Cc: Dwyer, Alan; Comeau, Sandra J; Moore, Benjamin; Quigley, Sara
Subject: Catch monitoring - info from Maritimes

Here is what Sara Quigley from the Maritimes Region told me about catch in the inshore lobster fishery (copying you Sara in case I misunderstood something):

- No Dockside Monitoring
- Mandatory monthly logbooks
 - Logbooks are to be submitted within 15 days at the end of each fishing month.
 - Logbooks are submitted by the licence holder to a Dockside monitoring company for them to enter the data at the fisher's cost.
 - If logbooks are not returned, the licence holder can renew its license, but cannot print his/her licence conditions (this is done in several fisheries).

- There was a pilot project in 2018 where LFA 27 developed their own e-log; DFO was not ready at the time to accept e-log information (this is similar to what PEIFA has done in PEI).

I haven't been able to reach Quebec yet or Newfoundland yet.

Josiane

Moore, Benjamin

From: Massiera, Josiane
Sent: May-24-18 1:27 PM
To: LeBlanc, Carole L
Cc: Comeau, Sandra J; Moore, Benjamin; Dwyer, Alan
Subject: RE: lobster catch monitoring

Between that, the elogs and all that is going on with the whales. I think we should aim in having a sGSL Advisory committee in this fiscal year. December or January. This wil also show industry that we listened to them and are willing to have the meeting every 2 years (when we have enough to talk about).

I honestly do not have a well defined plan....I would probably have struggled with the answers too. I think it will be important also to link the group in Ottawa and see if they have plans of their own.

Josiane

From: LeBlanc, Carole L
Sent: May-23-18 2:05 PM
To: Comeau, Sandra J
Cc: Massiera, Josiane
Subject:

Hi Sandra,

Sorry I was not able to answer many questions...I was not too involved in this one.

We will follow-u with Josiane. Josiane could have another call with MFU to answer questions about timelines, next steps, consultation plan, sharing of the report, etc.

Carole LeBlanc

Regional Manager, Fisheries and Aquaculture Management

Gestionnaire régionale, Gestion des pêches et aquaculture

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Faxsimile | Télécopieur: 506-851-2620

Internet: Carole.LeBlanc@dfo-mpo.gc.ca

Moore, Benjamin

From: Moore, Benjamin
Sent: April-24-18 5:03 PM
To: Massiera, Josiane
Subject: RE: Lobster Catch Monitoring meeting tomorrow at 9h30

I can via conference call.

From: Massiera, Josiane
Sent: April 24, 2018 4:43 PM
To: Lemay, Gaëlle; Lapierre, Daniel; Dwyer, Alan; Rondeau, Amélie
Cc: LeBlanc, Carole L; Maclachlan, Mark; Comeau, Sandra J; Lonnie McNeill; Moore, Benjamin
Subject: Lobster Catch Monitoring meeting tomorrow at 9h30

I see that some of you (Gaelle, Daniel, Alan and Amélie) have not accepted the meeting or have tentatively accepted it. Can you please confirm if you are available? Sandra is no longer available and I am wondering if we should reschedule. Could you reply asap since Lonnie was [REDACTED] the morning.

Thanks!
Josiane

s.19(1)

s.16(2)(c)

Moore, Benjamin

From: Mallet, Pierre
Sent: February-27-18 8:52 AM
To: Massiera, Josiane; Mallet, Pierre; Lapierre, Daniel; Rondeau, Amélie; Lemay, Gaëlle;
Dwyer, Alan; Comeau, Sandra J; Moore, Benjamin
Subject: RE: Lobster Catch Monitoring meeting with consultant

Dial-in number 1 877 413 4791

Password: [REDACTED]

-----Original Appointment-----

From: Mallet, Pierre **On Behalf Of** Massiera, Josiane
Sent: February-23-18 9:22 AM
To: Dwyer, Alan; Comeau, Sandra J; Moore, Benjamin
Subject: Fw: Lobster Catch Monitoring meeting with consultant
When: February-27-18 1:30 PM-3:30 PM (UTC-04:00) Atlantic Time (Canada).
Where: Gestion - 320

Sent from my BlackBerry 10 smartphone on the Bell network.

You will find the Statement of Work in the attached contract (page 9-14).

Josiane << Message: Contract F5211-170559 - Lobster Study Consultant >>

Study (Articulates).

- of variables (Biol calculation).

- * DMP GAPS. ?
 - building capacity - workload assessment
 - Geographic context
 - Designated ports
 - ~~traffic~~

to look @

CIP offices - gathering info

March 12-13

- Gathering info from DMC on How Yeej Corsee implementing operational changes to accommodate for lobster fishing.

May 31st Report

* Action items →

|| * DMP. Main contact list to Lang.

• DMP P & P.

• Regional Groups.

• Fishermen (coverage) over season

• Send a reminder to DMC's that file is coming.

→ km.

SMP lobster pilot project.

Date

→ Chateau.

PEI / NO /

* SEPPISH
* PESE PECHÉ } next week.

PEI Monday ← IW
ST

(167 ports) → lobster.

CM - NFP organized.

→ ○○○○○○

coord.

* National Monitoring Policy

→ Report

→ check in
Heather.

* Small Craft & Harbour.

* State Audit. (Regional)

* Training Manual

→

• Lobster (feasibility study) 27.02.2018

Date

Rm - Alan Dwyer (Antigonish)

Pete

Ken Moore (PQ)

Sandra Comeau (Traverse)

• Marine Stewardship Council - certified

• Audit \rightarrow Lobster ??

Background - broken down to different specs.

* 2800 licences / 5 area.

* Landings $\geq 100,000$ - 150,000.

* 50 fishing days. (62 season days).

- Indicated management plan

Plan \rightarrow Would be similar to Area 19 SE - run 6 days a week.

Stats : # Active licences

Home port.

Landings

will be providing stats from 2003-2017.

Amelie Rondeau - stock assessment. 30 yrs work.

\Rightarrow friends (traffic) to P.Q.

in lobster fishing

Lapierre, Daniel

From: Lapierre, Daniel
Sent: Tuesday, March 6, 2018 11:47 AM
To: 'Lonnie McNeill'
Cc: Massiera, Josiane; Peter Johnston
Subject: RE: Questions for DMCs
Attachments: CGSB Program Manual 2015.pdf; DMP - CGSB Qualification Program.pdf

Morning Lonnie,

Looks good, no further comments, yes, I'll be at the office until 4 so free for a call this afternoon; I'll find out if the *National Fishery Monitoring Policy* has been completed.

Canadian General Standards Board; see attached doc's, might be useful information as DMCs need to maintain valid certification with CGSB in order to maintain their designation with DFO.
Inter-Regional Working Group; We call it the Observers group which is comprised of all regional Catch Monitoring Program Coordinators, this is an Nationally lead working group, Heather Buchanan is the chair.
DMP Industry Consultation Committee; or
DMP Stakeholder Consultation Committee. I chair the DMP Regional working group which is comprised of DFO representatives from all sectors, namely Science, Resource Management and Statistics

Hope this is helpful.

Daniel Lapierre

Dockside Monitoring and At Sea Observer Programs Coordinator
Fisheries and Oceans – Gulf Region/Government of Canada
daniel.lapierre@dfo-mpo.gc.ca / Tel : 506-851-6214 / Cell: 506- / Fax : 506-851-2504

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s.16(2)(c)

s.19(1)

From: Lonnie McNeill [mailto:]
Sent: 2018-March-06 8:18 AM
To: Lapierre, Daniel
Cc: Massiera, Josiane; Peter Johnston
Subject: Re: Questions for DMCs

Hello again Daniel:

Your comments helped a lot in organizing the order and cutting out redundancy. As a result I have modified the questions as follows:

1. How does your company currently conduct catch monitoring for other species?
 - a. What is the flow of information/data compiled by the Dockside Observer?
 - b. How many Dockside Observers do you employ?
 - c. Understanding that arrivals and departures are very fluid, how many landings would a Dockside Observer monitor in a day?
 - d. What is the turnover rate for Dockside Observers? What are contributing factors to employees leaving?
 - e. How many different ports/wharves do you work at? Are there areas where you are unable or choose not to provide services, and if so, why? Are there other companies delivering DM services at the same wharves? Are there challenges associated with this?
 - f. Do you have a breakdown of total monitored landings per fishery, per sector, per month?
2. What procedures could be adapted to the lobster fishery and what changes would be required to accommodate the increased demand for your services?
 - a. Would the addition of Lobster catch monitoring require modification to your current business model? If yes, how and why?
 - b. What would be the minimum number of fishers needed at each wharf?
 - c. What do you believe would be the most significant challenges. Can you think of any solutions/ideas to deal with these challenges?
3. Do you have any final points/recommendations/suggestions regarding options for implementing a plan for additional catch monitoring in the Gulf Region Lobster Fishery?

Question 1. + a. to f. are about the current state, Question 2. + a. to c. address incorporating lobster catch monitoring, and Question 3 is looking for any final thoughts.

I took out the part about any associated costs/charges. We can discuss the best means of analyzing costs by phone and in more detail when we meet next week. Would you be available for a short call sometime this afternoon?

Do you know if the National Fishery Monitoring Policy has been completed? I was reading about it in one of the reports.

I am also wondering if any of the following authorities/groups may be a source of information for this study, but that also could be discussed next week.

- a. Canadian General Standards Board;
- b. Inter-Regional Working Group;
- c. DMP Industry Consultation Committee; or
- d. DMP Stakeholder Consultation Committee.

Thanks,
Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

s.19(1)

On Mon, Mar 5, 2018 at 3:27 PM, Lapierre, Daniel <Daniel.Lapierre@dfo-mpo.gc.ca> wrote:

Hi Lonnie,

Ok, sounds good.

As for the contact, I thought you meant C&P area office; Josiane provided you with list of names for Resources Management which should be accurate.

Daniel

s.19(1)

From: Lonnie McNeill [mailto:[\[REDACTED\]](mailto:[REDACTED])]
Sent: 2018-March-05 3:24 PM

To: Lapierre, Daniel
Cc: Massiera, Josiane; Peter Johnston
Subject: Re: Questions for DMCs

Merci bien Daniel - I will review your comments and refine the question list. I would like to touch base by phone sometime tomorrow or Wednesday morning if you are available before I call Cheticamp Monitoring. Prescille responded to my request and we will talk mid-morning Wednesday.

For the Area Offices, Josiane provided me with the contact details for Alan, Sandra and Benjamin who I plan to e-mail. Are they the right people to reach out to, or are there additional people, specifically regarding DMP, who I should liaise with?

Thanks again,

Lonnie

Lonnie McNeill

Associate

Lansdowne Technologies Inc.

(Cell)

s.19(1)

On Mon, Mar 5, 2018 at 2:58 PM, Lapierre, Daniel <Daniel.Lapierre@dfp-mpo.gc.ca> wrote:

Morning Lonnie,

I believe you are on the right track as those questions coverage different angle and I am sure companies will be asking a few questions too.

I have put some comments in red, this is me thinking out loud, just a few pointers...

Cheers !

Daniel Lapierre

s.16(2)(c)
s.19(1)

Dockside Monitoring and At Sea Observer Programs Coordinator

Fisheries and Oceans – Gulf Region/Government of Canada

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From: Lonnie McNeill [mailto:]

Sent: 2018-March-05 8:14 AM

To: Lapierre, Daniel; Massiera, Josiane

Cc: Peter Johnston

Subject: Questions for DMCs

Good Morning Daniel and Josiane:

I have been compiling a list of questions for when I visit the DMCs and would appreciate any feedback you might have. It may be that some answers are already available from Regional HQ or the Area Offices and therefore would not be posed to the DMC.

QUESTIONS

1. How does your company currently conduct catch monitoring for other species and what are the associated costs/charges? I would expect DMC having issues answering the first part; you may wish to word it differently so it's focusing more on the type of information you want to get, I also noticed that most of the following questions tie into this one;
2. How many catch landing verifications does your company do in a year? You may want to ask DMCs to provide total monitored landings per fishery, per sector, per month to assess the level of activity at any given time and also as it would later be useful to weigh potential impacts lobster fishery could have on DMCs operations;
3. How many different ports/wharves do you work at? Could be interesting to see if DMCs currently deal with capacity issues, if unable to deliver DM services to specific areas or choose not too and why; is there more than one company delivering DM services at same wharves, are there challenges;
4. What is the flow of information/data compiled by the Dockside Observer?
5. How many Dockside Observers do you employ? Could probably incorporated under number 1.;
6. Understanding that arrivals and departures are very fluid, how many landings would a Dockside Observer monitor conduct in a day?
7. What is the turnover rate for Dockside Observers? If high, what are the main contributing factors;
8. What procedures could be adapted to the lobster fishery? Any significant challenges DMCs may anticipate;
9. What would be the minimum number of fishers needed at each wharf. Would Lobster require modification to their current business model, if yes, how and why;
10. What changes would be required to accommodate the increased demand for your services? Considering items/challenges identified under previous questions;
11. What do you see as the biggest challenge to implementing catch monitoring for lobster? What are the proposed solutions;
12. What recommendations/suggestions do you have regarding options for implementing a plan for additional catch monitoring in the Gulf Region Lobster Fishery. I assume this is ties up with items identified under 11. ?

Some of the questions are related to information being sought as outlined in the Statement of Work Tasks from the contract. For example Question 9 pertains to Task 2.1.2 (Review DMP and Identify Gaps). I assume the reason for this question is that it would not be efficient or economically feasible to have to send observers to a large number of ports where they would only be monitoring a small number of landings, and we need an estimate of what is realistic and viable.

I am happy to receive feedback regarding if you think I am heading in the right direction or need more/less/different questions. My approach for each visit will be to explain the study and then ask the DMC representative to describe their operation, and through the course of the conversation refer to the finalized list of questions to confirm I have the necessary information. I don't plan to send the questions to the DMCs in advance, but could if you think it would be more beneficial.

I have been considering how best to schedule the details of my Area visits after I leave your Headquarters next week. I believe it will be easier to arrange the visits to the DMCs first and work the visits to the Area Offices into the schedule after that. I'd be grateful for any suggestions you may have in this regard as well. Yes, but you should make contact with Area Offices in advance; let me know and I'll provide you with names

I am aware that, while this study is my sole focus, that you still have your regular day-to-day responsibilities. While I expect I may continue to inundate you with e-mails and questions in this initial period, I hope it will become less burdensome for you as the study progresses. No worries Lonnie, feel free to send emails and I'll do my best to reply the same day

Thanks very much,

Lonnie

Lonnie McNeill

Associate

Lansdowne Technologies Inc.

902- [REDACTED] (Cell)



Government
of Canada

Gouvernement
du Canada

Canadian General
Standards Board

Office des normes
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CGSB Qualification Program for Dockside Monitoring Companies

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Section A – CGSB Qualification Program

Introduction

The Canadian General Standards Board (CGSB) administers a **Qualification Program for Dockside Monitoring Companies** based on the quality management system requirements as defined by the Department of Fisheries and Oceans (DFO) in regulations governing the provision of dockside monitoring services, i.e. in Fishery (General) Regulations, sections 39 and 40.

The program is designed to assess the quality management system of suppliers of dockside monitoring services against DFO's quality management system requirements as expressed in Section B, *Dockside Monitoring Program Quality Management System Standard* (DMP QMS Standard).

The DMP QMS Standard is a modification of ISO 9001:2008 (*Quality Management Systems — Requirements*); it should be noted that this reference to ISO 9001:2008 does not imply in any way that the DMP QMS Standard satisfies the ISO 9001:2008 standard.

In this manual, applicants will find complete information about the Qualification Program, including application requirements, processes, forms and costs. Please keep a copy of this program manual for future reference. For more information about the CGSB and its programs, visit the CGSB Web site at www.ongc-cgsb.gc.ca.

1. HOW THE PROGRAM WORKS

1.1 Organizations gain admission to the program by demonstrating that:

- their documented quality management system meets the requirements of the DMP Quality Management System Standard;
- they comply with their own established quality management system.

1.2 The organizations and their extent of recognition are listed on a qualification list, available to the Department of Fisheries and Oceans (DFO) and the general public. Through a program of scheduled audits carried out by the CGSB, DFO is assured that the sources of supply of services conform to the recognized standard.

1.3 To achieve this level of confidence, the program has four phases:

- Phase 1: Application
- Phase 2: Quality Management System Documentation Review
- Phase 3: On-Site Audit and Qualification Decision
- Phase 4: Maintenance of Qualification

Note: All forms required in order to participate in the program appear as appendices at the end of this document.

1.4 The following table provides an overview of the steps to be taken in order for a potential DMC to be qualified and remain qualified.

Three-Year Qualification Cycle

	Step	Action
Phase 1 Application	1	Applicant organization obtains qualification materials from the CGSB.
	2	Applicant organization submits application forms to the CGSB.
	3	The CGSB reviews application form and advises applicant organization to proceed to Phase 2.
Phase 2 Management System Documentation Review	4	Applicant organization submits quality management system (QMS) manual that identifies processes used to meet requirements of Standard.
	5	The CGSB reviews QMS manual and informs applicant organization of status of review. Upon successful completion of review, applicant proceeds to Phase 3.
Phase 3 On-Site Audit and Qualification Decision	6	The CGSB and applicant organization prepare for and complete on-site audit of applicant (headquarters and one or more operational sites as required).
	7	The CGSB provides applicant organization with Audit Report and Correction Action Record (CAR), where applicable.
	8	Applicant organization completes CAR and submits supporting documentation.
	8a	The CGSB reviews CAR and notifies applicant organization that it has been deemed qualified or that further action is required.
	9	For applicant organization deemed qualified, the CGSB issues qualification number, lists organization on CGSB Web site and notifies DFO of organization's qualification status.
Phase 4 Maintenance of Qualification	10	Qualified organization submits QMS manual to the CGSB for review.
	11	The CGSB conducts review of QMS manual.
	12	The CGSB issues requalification report to qualified organization and conducts any CAR follow-ups, which may include an on-site audit if warranted.
	13	The CGSB notifies qualified organization and DFO of decision to maintain qualified organization's qualification.

2. PHASE 1: APPLICATION

2.1 Organizations wanting to participate in the CGSB Qualification Program shall submit the following:

- Applicant profile form
- Application form
- Company certificate, corporate registration or business registration
- ISO 9001:2008 registration (if registered)

2.2 Application form

2.2.1 This legal document, when signed by a senior officer of the organization, grants the CGSB the authority to assess the applicant's quality management system.

2.2.2 In signing the form, the applicant undertakes to:

- abide by the terms and conditions of the program;
- maintain a system of internal review that will ensure the continuing quality of its services;
- document, implement and maintain its management system;
- provide access to the CGSB staff, or their representatives, to conduct their on-site audits;
- pay all applicable fees.

2.3 Company certificate, corporate registration or business registration

2.3.1 A copy of the certificate of incorporation, business registration or other documents that confirm the applicant's legal status shall be submitted. If, in the opinion of the CGSB, the documentation submitted does not confirm the legal status of the applicant, the CGSB reserves the right to require the submission of any necessary additional documentation.

2.4 ISO 9001:2008 registration

2.4.1 Where a DMC's quality management system has been registered by an accredited ISO 9001 registrar, audits may be dispensed with or the frequency reduced. The CGSB will verify the scope of the ISO 9001 registration and may request the submission of the audit report, the quality management system plan(s) and/or other documentation.

2.5 If an application is rejected, the organization will be informed in writing. Organizations can appeal the CGSB's decisions. Organizations also

have the right to view their own qualification records kept by the CGSB.

- 2.6 All documents and information submitted by an applicant are treated in strict confidence and will be released only to parties outside DFO and the CGSB with the applicant's consent.

3. **PHASE 2: MANAGEMENT SYSTEM DOCUMENTATION REVIEW**

- 3.1 Following completion of Phase 1, a Conformity Audit Specialist/Officer (CAS/CAO) is assigned and will be the applicant's main point of contact with the CGSB. The CAS/CAO reviews the application, resolves any differences or misunderstandings, and selects a Lead Auditor. The Lead Auditor will be either a qualified CGSB staff member or a qualified subcontractor working under the authority of the CGSB who is bound by all program requirements (e.g. language).
- 3.2 **Submission of management system documentation**—The applicant organization shall submit documentation that identifies the processes used to meet the requirements of the Standard.
- 3.3 **Document review**—The Lead Auditor reviews the organization's documentation against the requirements of the Standard and issues a Document Review Report. The applicant shall address all areas of the report where the requirements were not satisfied.

4. **PHASE 3: ON-SITE AUDIT AND QUALIFICATION DECISION**

- 4.1 **Prerequisites for the on-site audit** — Following the CGSB decision to perform an on-site audit after the document review process, the organization shall:
- conduct and document a management review and a full internal audit of its quality management system;
 - be prepared to provide evidence of conformity to requirements and of the effective operation of its management system. A minimum of three (3) months of records shall be made available to the audit team during the on-site audit;
 - ensure the availability of top management for interviews during the on-site audit, to provide evidence of its commitment to the development and implementation of the quality management system and continually improving its effectiveness.

- 4.2 The Lead Auditor acts as the Audit Team Leader and conducts the audit in accordance with the Standard and CGSB procedures. The Lead Auditor is responsible for at least the following:
- Scheduling the audit date
 - Arranging for office space
 - Arranging for guides
 - Arranging for the applicant's management to be available
 - Planning the audit activities
- 4.3 The on-site audit includes at least the following:
- Opening meeting
 - Verification of the implementation and effective operation of the quality management system
 - Closing meeting
- 4.3.1 At the closing meeting, the Audit Team Leader informs the applicant of any non-conformities, clarifies their significance and sets out the audit team's recommendation about qualification.
- 4.4 The Lead Auditor then prepares an audit report that meets program requirements. The report contains at least the following:
- General information on the client and the audit
 - Scope and purpose of the audit
 - Overview, including a brief description of the client, its products and any other pertinent information
 - Summary of the most important observations, positive as well as negative, about the management system
 - Summary of the findings and any general comments
 - Summary of the closing meeting
 - Qualification recommendation
- 4.4.1 Recommendations are generally one of the following:
- Offer of qualification
 - Offer of qualification after the response to corrective action requests is found acceptable to the CGSB Audit Team

- On-site verification of corrective action requests (*follow-up audit*)
- Complete re-audit (In this case, corrective action requests are not issued; rather, a report is issued recommending a complete re-audit at a future date)

4.5 Next, the CGSB reviews the Lead Auditor's recommendation and pertinent technical information about the applicant's system. A decision is made to grant or deny the qualification, or to ask that additional information be provided. If nonconformities are identified during the audit, the applicant shall take satisfactory corrective action before the CGSB recommends that the Team Leader, Certification Services, CGSB, prepare a written offer of qualification.

4.5.1 Applicants are considered qualified only when they have received a signed letter of offer from the Team Leader, Certification Services, CGSB.

4.6 A certificate is issued to the successful applicant following the signing of the legal agreement. The certificate shows the applicant's name, the address of the qualified facility and the scope of qualification. The certificate is valid for three years. A new certificate is issued upon satisfactory completion of the re-audit.

4.7 An up-to-date list of qualified organizations can be viewed at www.ongc-cgsb.gc.ca.

5. PHASE 4: MAINTENANCE OF QUALIFICATION

5.1 **Management system changes**—Organizations shall promptly notify the CGSB, in writing, of any intended changes to their quality management system. These include changes to policy and procedures, organization, location or any other change affecting conformity to the Standard. Before approving a change, the CGSB may require a site visit or a re-audit.

5.2 **CGSB program changes**—The CGSB will notify organizations, within a reasonable time, of any changes it intends to make to program requirements. Organizations' views will be considered before the CGSB makes decisions on the precise form and effective date of proposed changes to the program.

5.3 **Maintenance audits**—The CGSB conducts maintenance audits at least once a year, usually during the anniversary month of the initial

audit. The maintenance audits will be assigned, planned and executed in a manner similar to that for the initial document review. The maintenance audit shall include, but not be limited to, a review of:

- the current version of the organization's quality management system manual, including any changes;
- the results of previous internal and external audits and any corrective actions;
- the results of previous management reviews.

The CGSB reserves the right to verify information by requesting further documents or by conducting telephone interviews or an on-site audit, at its discretion. Should an on-site visit be conducted, the CGSB shall provide the organization with written notice and justification of such action.

Upon completion of the maintenance audit, a report that meets the same criteria as for the report mentioned in Phase 3 is issued.

- 5.4 To remain in the program, the organization continues to agree to:
- abide by the program requirements;
 - discharge to the satisfaction of the CGSB any nonconformities that arise. These include nonconformities identified during the on-site audit, and misuse of logos and trademarks, as specified in the legal agreement.
- 5.5 Requalifications (full system audits) are conducted every third year, usually during the anniversary month of the initial audit. Re-audits will be assigned, planned and executed in a similar manner to the initial audit. At the conclusion of the re-audit, a report that meets the same criteria as the report mentioned in Phase 3 is issued.

6. DELISTING, APPEALS AND RE-APPLICATION

- 6.1 If a major nonconformity arises or a series of faults are identified, the qualified organization is given the opportunity to provide an explanation and voluntarily take corrective action within a specified time period.
- 6.2 In the event of repeated problems with the performance of an organization's management system, complaints from users or other evidence that indicates a lack of performance within the qualified facility, the CGSB may, at its discretion, decide to:

- audit more frequently;
- return to the facility to verify the effectiveness of the corrective action;
- suspend or delist the registrant.

6.3 Qualified organizations that fail to demonstrate their ability or willingness to meet the program requirements within a specified time period will be suspended or delisted. DFO will be notified of all potential changes and/or changes to an organization's status.

6.4 Any decision by the CGSB against the qualified organization may be appealed (CGSB Procedure CAD1 — Appeal) to the Team Leader, CS (first level), Manager, CAD (second level), and Director, CGSB (third level); ultimately, all participating organizations have a right of final appeal of the decision to the DFO committee (fourth level). The appellant shall submit arguments and evidence in writing within 30 days of notification of the decision in question. Additional details on the appeal process will be provided upon request.

Organizations that want to re-apply to the program following delisting shall repeat the entire listing process.

7. COMPLAINTS

7.1 The CGSB has a mechanism for handling complaints about the performance of qualified organizations.

7.2 The CGSB will, upon written notice, investigate the complaint in accordance with its formal procedures. The organization may be asked to provide information, records and other pertinent data. The organization has the right to provide evidence that refutes the complaint. To resolve the dispute, the CGSB may require a further on-site audit. If the organization fails to comply with those requests or to correct the problem, or if the complaint is upheld, the organization may be suspended or delisted from the program. Generally, the organization will have the opportunity to take corrective action before the CGSB suspends or delists the facility, or takes other action.

7.3 If the organization is found to be at fault, it will pay any costs associated with the complaint (e.g. cost of additional audits, program management time). If the organization is not found to be at fault, the complainant will be responsible for these costs. Additional details on the complaint process will be provided upon request.

- 7.4 Any decision by the CGSB against the qualified organization may be appealed. Details of the appeal process are available from the CGSB. All participating organizations have a right of final appeal of the decision to the DFO committee. Organizations that want to re-apply to the program following delisting shall repeat the entire listing process.

8. COSTING

- 8.1 The CGSB administers qualification programs on behalf of participating organizations on a cost-recovery basis.

8.2 Costs

8.2.1 Application costs

Application fee (one-time admission fee to the program) \$500

Management time (for handling and processing applications) \$197.50/h

Initial quality system audit¹

Travel time \$98/h

8.2.2 Annual costs for maintenance and compliance activities

Listing fee (not applicable)

Ongoing quality system audits

Note: The first audit costs are paid by the DFO. If a 2nd audit is required the DMC will be charged.

Second quality system audit²

Management time (administration of program activities) \$197.50/h

Note: The DMC will be charged management time for any issues beyond the first response to corrective actions.

Travel time \$98/h

¹ The cost varies depending on the size, location and complexity of the operation to be audited. The costs included in the audit are travel, accommodation and professional service fees of the auditor. The cost may be less if applicants are already listed with another CGSB program.

² Program participants whose products or facilities have been suspended will be charged the greater of the actual time spent to reinstate the product or facility at the management time hourly rate or the minimum fee.

Reinstatement fee (minimum)² \$250

8.3. **Method of payment**

The CGSB accepts payment by VISA, MasterCard, or American Express and by money order or cheque payable to the **Receiver General for Canada**.

Note: First-time applicants to this program shall submit their application fees before the CGSB evaluates their applications. All other costs are invoiced as the work is performed.

8.3.1. **Submission of money orders and cheques**

By mail: Client Services Assistant — Finance
Canadian General Standards Board
Gatineau, Canada
K1A 1G6

By courier: Client Services Assistant — Finance
Canadian General Standards Board
Place du Portage, Phase III, 6B1
11 Laurier Street
Gatineau, Quebec
Canada K1A 0S5

8.3.2. **VISA, MasterCard, or American Express Payments:**

Applicants/program participants who want to pay by credit card shall contact the following:

By telephone: Client Services Assistant — Finance
Canadian General Standards Board
819-956-0405

By fax: Client Services Assistant — Finance
Canadian General Standards Board
819-956-5740

Note: All fees are payable in **CANADIAN DOLLARS**. Canadian companies only, please add 5% GST to all fees.

9. USE OF THE CGSB NAME AND QUALIFICATION NUMBER

- 9.1 The sole intended use of the CGSB Qualification Program for Dockside Monitoring Companies is for DFO to meet its requirements pertaining to the qualification of DMCs. The CGSB name and qualification number and/or DFO name may therefore be used only in that context.
- 9.2 Organizations shall not use the CGSB name or qualification number in a manner that tends to be misleading. Moreover, organizations shall not make use of the CGSB name, abbreviations, qualification number, marks or symbols, or any other form of reference to the CGSB and/or DFO in a manner that may be interpreted to mean that the CGSB and/or DFO approves of or endorses any product or service of the qualified organization, or the performance (including the quality compliance or performance) of any product or service of the organization.
- 9.3 The use of the qualification number is independent of, and does not excuse, release or relieve the organization from its obligations to comply with, all applicable federal, provincial or municipal statutes, regulations and by-laws and all applicable industry guidelines concerning quality matters.

10. PREPARING YOUR APPLICATION

- 10.1 **Step 1: Application form** — Form DMP 1 is a legal document certifying your organization's commitment to a high-performance management system. It shall be signed by a senior official in charge of the management system and by a responsible officer of the *organization* (e.g. president, vice-president, secretary-treasurer).
- 10.2 **Step 2: Applicant profile form** — Completion of Form DMP 2 ensures that the CGSB captures all necessary program information, including all the locations/facilities to be qualified.

Forms DMP-1 and DMP-2 are found in Appendix A, at the end of this document.

10.3 **Step 3: Submission of quality management system
documentation**

By mail: Qualification Program for Dockside Monitoring
Companies
Certification Services — Products and Services (CS)
Canadian General Standards Board
Gatineau, Canada
K1A 1G6

By courier: Qualification Program for Dockside Monitoring
Companies
Certification Services — Products and Services (CS)
Canadian General Standards Board
Place du Portage, Phase III, 6B1
11 Laurier Street
Gatineau, Quebec
K1A 0S5

Section B – Dockside Monitoring Program Quality Management System Standard

1.0 INTRODUCTION

The Listing Program with the CGSB has two goals. One is to ensure that each DMC has a quality management system (QMS) in place to ensure the accuracy of the reported quota numbers. The second is that each DMC has quality management practices in place to ensure the viability of that DMC.

2.0 SCOPE

This standard specifies the management system requirements that Dockside Monitoring Companies shall meet in order to comply with the Department of Fisheries and Oceans' Fishery (General) Regulations, issued under the authority of the Fisheries Act.

3.0 QMS PRINCIPLES

The following quality management principles have been identified and can be used by top management in order to lead the organization towards improved performance:

a) Customer focus

Organizations depend on their customers and therefore should understand current and future customer needs, should meet customer requirements and strive to exceed customer expectations.

b) Leadership

Leaders establish unity of purpose and direction of the organization. They should create and maintain the internal environment in which people can become fully involved in achieving the organization's objectives.

c) Involvement of people

People at all levels are the essence of an organization and their full involvement enables their abilities to be used for the organization's benefit.

d) Process approach

A desired result is achieved more efficiently when activities and related resources are managed as a process.

e) System approach to management

Identifying, understanding and managing interrelated processes as a system contribute to the organization's effectiveness and efficiency in achieving its objectives.

f) Continual improvement

Continual improvement of the organization's overall performance should be a permanent objective of the organization.

g) Factual approach to decision making

Effective decisions are based on the analysis of data and information.

h) Mutually beneficial supplier relationships

An organization and its suppliers are interdependent, and a mutually beneficial relationship enhances the ability of both to create value.

4.0 QUALITY MANAGEMENT SYSTEM

4.1 General

The management of each DMC needs to recognize that their view of the quality management system is actually how they want the company to operate and the employees to perform. DMC managers shall identify and write down how they expect their Dockside Observers (DOs) and office staff to function. They also have to consider what training is needed for the staff and how they are going to verify that **ALL** these productive activities are happening in the way they want. And finally, they need to have a way of identifying weaknesses in their quality management system and then improving their methods of satisfying their customers and their likelihood of survival.

In order to achieve these objectives, each DMC's quality management system needs to include written procedures covering all of the items listed in the next sections. They shall also provide objective evidence that their quality management practices comply with those procedures. Objective evidence is

usually in the form of records of activities required by either the quality management system or their customers' performance expectations.

In the case of the Dockside Monitoring Program, every customer has more than one expectation of the service provided by a DMC (or perhaps more than one category of customer). First is the expectation that their catch will be counted accurately so that they can be fairly compensated for their work at the price per quantity that they have negotiated with each buyer. This is achieved by the independent monitoring of the Dockside Observer.

Second, they expect that the verification of the quantity by the DMC will be accepted by DFO as accurate, ensuring that they (the fish harvesters) will have sufficient information to not knowingly exceed their quota.

And third, the DMC's quality management practices will consistently provide the agreed service. Meeting the requirements of the CGSB Listing Program generally satisfies these three expectations.

4.2 Documentation

4.2.1 Procedures and forms

DMC Management shall ensure the following:

- 4.2.1.1 When management decides that staff members need written instructions to follow or forms to fill out, there is a method to ensure that only the correct (most recent) version is used.
- 4.2.1.2 There is a method of identifying each page of a document as to whether or not it is the most current one (revision level indicator).
- 4.2.1.3 When changes are made, all obsolete versions of such documents are removed from circulation.
- 4.2.1.4 Current revision levels of each quality management system document are clearly identified.
- 4.2.1.5 Documentation is used to train, and is readily accessible to, all staff members that rely on such documentation to perform their tasks.
- 4.2.1.6 All staff members are aware of who has the authority to approve and revise quality management system documentation and of how they may make suggestions for the improvement of the documentation.

- 4.2.1.7 Relevant DFO directives concerning quality management system requirements, including DFO requirements, as set out in the *Atlantic Region Dockside Monitoring Program—Policy and Procedures, Part II: Operational Procedures* document and related regional annexes, are incorporated into the Quality System Management Procedures.

4.2.2 Records

DMC management shall ensure the following:

- 4.2.2.1 Records required to demonstrate compliance with the company system's procedures are clearly identified.
- 4.2.2.2 Records are collected, maintained and protected from unauthorized access.
- 4.2.2.3 Records are legible, retrievable and accessible to DMC employees who rely on them to perform their tasks, and to DFO and DFO-appointed auditors as required.

5.0 MANAGEMENT RESPONSIBILITY

5.1 Policy

DMC management shall ensure the following:

- 5.1.1 Policy or attitudes regarding satisfying customer expectations, consistently meeting DFO's and the CGSB's requirements and continually improving its methods of operation are known and followed by the staff.
- 5.1.2 This policy is clearly stated in the documentation provided to the staff.

5.2 Responsibility and authority

DMC management shall ensure the following:

- 5.2.1 All employees are aware of their responsibilities and authorities related to the quality management system and the "chain of command" within the DMC.

5.2.2 A person is designated at the management level to accept overall responsibility for the implementation and maintenance of the documented quality management system.

5.2.3 The organization's management with executive responsibility for quality shall review the quality system at defined intervals sufficient to ensure its continuing suitability and effectiveness in satisfying the requirements of this program, including conflict of interest and arms-length criteria, and the organization's stated quality policy and objectives. Records of such reviews shall be maintained.

6.0 TRAINING

6.1 DMC management shall ensure the following:

6.1.1 All staff, DOs and office workers are qualified on the basis of education, training and/or experience appropriate to their tasks.

6.1.2 DOs are certified by DFO, and certifications are current.

6.1.3 All staff, DOs and office workers are trained on quality management system documentation relevant to their specific tasks and their contribution to improving the quality management system.

6.1.4 Records of all such training, including all on-the-job training, are maintained.

7.0 PRODUCTION

7.1 DMC management shall ensure that procedures are established in sufficient detail for all productive processes, including but not limited to:

7.1.1 Dockside Observer tasks, from arriving at the offloading site through to communicating information, data and reports to the DMC;

7.1.2 receiving and processing information, data and reports at the DMC office and forwarding such information to DFO;

7.1.3 filing monitoring information according to DFO directives;

7.1.4 completing and submitting incident reports to DFO.

8.0 INSPECTION

- 8.1 DMC management shall ensure the following:
 - 8.1.1 All information, data and reports are inspected for completeness and numerical accuracy prior to being forwarded to DFO.
 - 8.1.2 DFO is informed of any information that is missing or numerically inaccurate.
 - 8.1.3 A designated individual signs off on information, data or reports sent to DFO, verifying that such information, data and reports have been inspected as required above.
 - 8.1.4 Adequate objective evidence and records of the above inspections are maintained

9.0 INTERNAL AUDIT

- 9.1 DMC management shall ensure the following:
 - 9.1.1 Evaluations of the effectiveness and efficiency of its quality management system are undertaken on a regular basis. These audits also evaluate the degree to which the DMC's management and employee practices comply with the established procedures.
 - 9.1.2 ALL parts of the quality management system are evaluated or audited at least once a year. The more important the activity, the more frequently the audits are scheduled.
 - 9.1.3 As much as possible, internal auditors are independent of the activities being audited, that is, they cannot audit their own work.
 - 9.1.4 Auditors are trained in the processes of internal audit and records kept of this training.
 - 9.1.5 Auditors tell the person being audited of the audit results before leaving at the end of the audit.
 - 9.1.6 Discrepancies found during an audit are corrected and considered for improvement action.
 - 9.1.7 Internal audits are used to verify the effectiveness of previous improvement actions.

- 9.1.8 Records of internal audits are maintained and made available to DFO or to DFO-appointed external auditors, as required.

10. IMPROVEMENT

- 10.1 Deficiencies are usually found through internal or external quality management system audits (section 9.0). They may also come from formal complaints from DMC clients or DFO.
- 10.2 DMC management shall ensure the following:
 - 10.2.1.1 Deficiencies in the quality management system are identified and documented when they happen or are discovered.
 - 10.2.1.2 Procedures are established and written to ensure that the deficiency is corrected.
 - 10.2.2 Procedures to identify opportunities for improvement to the quality management system based on these deficiencies are also established and written down.
 - 10.2.2.1 The first step in improving the quality management system is to investigate the root cause of deficiencies.
 - 10.2.3 Once the root cause of the deficiency appears to have been determined, action is taken to improve the quality management system and ensure the deficiency does not reoccur.
 - 10.2.4 Adequate records of complaints, deficiencies and improvement actions are maintained for a suitable period.
 - 10.2.5 Each implemented improvement action needs to be reviewed for effectiveness. If the deficiency still exists, then the action taken was not effective and the process of determining the root cause and implementing improvement(s) needs to be performed again.

Appendix A – Forms

- Application Form (DMP-1)
- Applicant Profile Form (DMP-2)



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APPLICATION FORM

Application

Legal name of applicant

Address of applicant

hereinafter called the "Applicant", hereby applies for qualification for the facilities listed on the attached Applicant Profile form for the following Program:

☐ Dockside Monitoring Companies

Undertaking

The Applicant, by and through its responsible officer(s), states and undertakes:

That the Applicant will conform to the provisions of the applicable Dockside Monitoring Program Quality Management Systems Standard (the Standard);

That the Applicant's list of locations or facilities meets the provisions of the standard;

That all production or services from the above facility will conform to the Applicant's current specifications and will continue to meet the requirements of the standard;

That the Applicant's management is familiar with and accepts the conditions governing this qualification as described in the current edition of the *CGSB Policy Manual for the Conformity Assessment Division*;

That the Applicant has received and will abide by the applicable provisions of the Qualification Program Manual;

That the CGSB or its authorized representatives shall be permitted to audit the Applicant's facilities at such times and in such a manner as the CGSB shall decide.

DMP-1 – April 2009

By completing and signing this Application form, the Applicant acknowledges having read and understood the conditions of the Qualification Program Manual hereto attached and hereby agrees and undertakes to follow the processes in relation to any activity connected with the Qualification Program.

In consideration of the qualification granted by the CGSB, the supplier undertakes to make the payments of the applicable fees in accordance with the costing section of the Program Manual, and to make payments of money to the Receiver General for Canada and remit to:

Certification Services
Conformity Assessment Division
Canadian General Standards Board
Gatineau, Canada
K1A 1G6

IN WITNESS WHEREOF, this Application has been executed by the Applicant this day of 200...

Signature of the senior manager in charge of management systems assurance

Signature of the responsible officer of the applicant company

Please submit this application to:

Certification Services
Conformity Assessment Division
Canadian General Standards Board
Gatineau, Canada
K1A 1G6

Note: The application must include the following:

- Completed Application form
- Completed Applicant Profile form
- Company Certificate, Corporate Registration or Business Registration
- Application Fees

A2

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APPLICANT PROFILE

Please complete form and list all facilities or sublocations

File No. _____
(CGSB use only)

Section 1 — Applicant information

Legal name and address

Language preference _____ Correspondence: ☐ EN ☐ FR _____ Audit: ☐ EN ☐ FR _____
Applicant representative _____
Title _____
Telephone _____ Fax _____
E-mail _____ Web site _____
Contact for invoices _____
Telephone _____ Fax _____

Address of facility #1 (if different from above)

Size of facility (sq. ft.)

Number of employees _____ Number of shifts _____
Number of personnel directly involved in the management system
(e.g. dedicated to quality assurance) _____
Approximate number of pages in your management system documentation,
including quality manual and procedures _____

Address of facility #2

Size of facility (sq. ft.)

Number of employees _____ Number of shifts _____
Number of personnel directly involved in the management system
(e.g. dedicated to quality assurance) _____
Approximate number of pages in your management system documentation,
including quality manual and procedures (if different from above) _____

Address of facility #3

Size of facility (sq. ft.)

Number of employees _____ Number of shifts _____
Number of personnel directly involved in the management system
(e.g. dedicated to quality assurance) _____
Approximate number of pages in your management system documentation,
including quality manual and procedures (if different from above) _____



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June 2011

This edition supersedes all previous editions.

CGSB Qualification Program for Dockside Monitoring Companies

Également disponible en français

Canada

Experience and excellence

Expérience et excellence



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This edition supersedes all
previous editions.

CGSB Qualification Program for Dockside Monitoring Companies

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Section A – CGSB Qualification Program

Introduction

The Canadian General Standards Board (CGSB) administers a **Qualification Program for Dockside Monitoring Companies** based on the quality management system requirements as defined by the Department of Fisheries and Oceans (DFO) in regulations governing the provision of dockside monitoring services, i.e. in Fishery (General) Regulations, sections 39 and 40.

The program is designed to assess the quality management system of suppliers of dockside monitoring services against DFO's quality management system requirements as expressed in Section B, *Dockside Monitoring Program Quality Management System Standard* (DMP QMS Standard).

The DMP QMS Standard is a modification of ISO 9001:2000 (*Quality Management Systems — Requirements*); it should be noted that this reference to ISO 9001:2000 does not imply in any way that the DMP QMS Standard satisfies the ISO 9001:2000 standard.

In this manual, applicants will find complete information about the Qualification Program, including application requirements, processes, forms and costs. Please keep a copy of this program manual for future reference. For more information about the CGSB and its programs, visit the CGSB Web site at www.ongc-cgsb.gc.ca.

1. HOW THE PROGRAM WORKS

1.1 Organizations gain admission to the program by demonstrating that:

- their documented quality management system meets the requirements of the DMP Quality Management System Standard;
- they comply with their own established quality management system.

1.2 The organizations and their extent of recognition are listed on a qualification list, available to the Department of Fisheries and Oceans (DFO) and the general public. Through a program of scheduled audits carried out by the CGSB, DFO is assured that the sources of supply of services conform to the recognized standard.

1.3 To achieve this level of confidence, the program has four phases:

- Phase 1: Application
- Phase 2: Quality Management System Documentation Review
- Phase 3: On-Site Audit and Qualification Decision
- Phase 4: Maintenance of Qualification

Note: All forms required in order to participate in the program appear as appendices at the end of this document.

1.4 The following table provides an overview of the steps to be taken in order for a potential DMC to be qualified and remain qualified.

Three-Year Qualification Cycle

	Step	Action
Phase 1 Application	1	Applicant organization obtains qualification materials from the CGSB.
	2	Applicant organization submits application forms to the CGSB.
	3	The CGSB reviews application form and advises applicant organization to proceed to Phase 2.
Phase 2 Management System Documentation Review	4	Applicant organization submits quality management system (QMS) manual that identifies processes used to meet requirements of Standard.
	5	The CGSB reviews QMS manual and informs applicant organization of status of review. Upon successful completion of review, applicant proceeds to Phase 3.
Phase 3 On-Site Audit and Qualification Decision	6	The CGSB and applicant organization prepare for and complete on-site audit of applicant (headquarters and one or more operational sites as required).
	7	The CGSB provides applicant organization with Audit Report and Correction Action Record (CAR), where applicable.
	8	Applicant organization completes CAR and submits supporting documentation.
	8a	The CGSB reviews CAR and notifies applicant organization that it has been deemed qualified or that further action is required.
	9	For applicant organization deemed qualified, the CGSB issues qualification number, lists organization on CGSB Web site and notifies DFO of organization's qualification status.
Phase 4 Maintenance of Qualification	10	Qualified organization submits QMS manual to the CGSB for review.
	11	The CGSB conducts review of QMS manual.
	12	The CGSB issues requalification report to qualified organization and conducts any CAR follow-ups, which may include an on-site audit if warranted.
	13	The CGSB notifies qualified organization and DFO of decision to maintain qualified organization's qualification.

2. PHASE 1: APPLICATION

2.1 Organizations wanting to participate in the CGSB Qualification Program shall submit the following:

- Applicant profile form
- Application form
- Company certificate, corporate registration or business registration
- ISO 9001:2000 registration (if registered)

2.2 Application form

2.2.1 This legal document, when signed by a senior officer of the organization, grants the CGSB the authority to assess the applicant's quality management system.

2.2.2 In signing the form, the applicant undertakes to:

- abide by the terms and conditions of the program;
- maintain a system of internal review that will ensure the continuing quality of its services;
- document, implement and maintain its management system;
- provide access to the CGSB staff, or their representatives, to conduct their on-site audits;
- pay all applicable fees.

2.3 Company certificate, corporate registration or business registration

2.3.1 A copy of the certificate of incorporation, business registration or other documents that confirm the applicant's legal status shall be submitted. If, in the opinion of the CGSB, the documentation submitted does not confirm the legal status of the applicant, the CGSB reserves the right to require the submission of any necessary additional documentation.

2.4 ISO 9001:2000 registration

2.4.1 Where a DMC's quality management system has been registered by an accredited ISO9000 registrar, audits may be dispensed with or the frequency reduced. The CGSB will verify the scope of the ISO 9000 registration and may request the submission of the audit report, the quality management system plan(s) and/or other documentation.

2.5 If an application is rejected, the organization will be informed in writing. Organizations can appeal the CGSB's decisions. Organizations also

have the right to view their own qualification records kept by the CGSB.

- 2.6 All documents and information submitted by an applicant are treated in strict confidence and will be released only to parties outside DFO and the CGSB with the applicant's consent.

3. **PHASE 2: MANAGEMENT SYSTEM DOCUMENTATION REVIEW**

- 3.1 Following completion of Phase 1, a Conformity Audit Specialist/Officer (CAS/CAO) is assigned and will be the applicant's main point of contact with the CGSB. The CAS/CAO reviews the application, resolves any differences or misunderstandings, and selects a Lead Auditor. The Lead Auditor will be either a qualified CGSB staff member or a qualified subcontractor working under the authority of the CGSB who is bound by all program requirements (e.g. language).
- 3.2 **Submission of management system documentation**—The applicant organization shall submit documentation that identifies the processes used to meet the requirements of the Standard.
- 3.3 **Document review**—The Lead Auditor reviews the organization's documentation against the requirements of the Standard and issues a Document Review Report. The applicant shall address all areas of the report where the requirements were not satisfied.

4. **PHASE 3: ON-SITE AUDIT AND QUALIFICATION DECISION**

- 4.1 **Prerequisites for the on-site audit** — Following the CGSB decision to perform an on-site audit after the document review process, the organization shall:
- conduct and document a management review and a full internal audit of its quality management system;
 - be prepared to provide evidence of conformity to requirements and of the effective operation of its management system. A minimum of three (3) months of records shall be made available to the audit team during the on-site audit;
 - ensure the availability of top management for interviews during the on-site audit, to provide evidence of its commitment to the development and implementation of the quality management system and continually improving its effectiveness.

- 4.2 The Lead Auditor acts as the Audit Team Leader and conducts the audit in accordance with the Standard and CGSB procedures. The Lead Auditor is responsible for at least the following:
- Scheduling the audit date
 - Arranging for office space
 - Arranging for guides
 - Arranging for the applicant's management to be available
 - Planning the audit activities
- 4.3 The on-site audit includes at least the following:
- Opening meeting
 - Verification of the implementation and effective operation of the quality management system
 - Closing meeting
- 4.3.1 At the closing meeting, the Audit Team Leader informs the applicant of any nonconformities, clarifies their significance and sets out the audit team's recommendation about qualification.
- 4.4 The Lead Auditor then prepares an audit report that meets program requirements. The report contains at least the following:
- General information on the client and the audit
 - Scope and purpose of the audit
 - Overview, including a brief description of the client, its products and any other pertinent information
 - Summary of the most important observations, positive as well as negative, about the management system
 - Summary of the findings and any general comments
 - Summary of the closing meeting
 - Qualification recommendation
- 4.4.1 Recommendations are generally one of the following:
- Offer of qualification
 - Offer of qualification after the response to corrective action requests is found acceptable to the CGSB Audit Team

- On-site verification of corrective action requests (*follow-up audit*)
- Complete re-audit (In this case, corrective action requests are not issued; rather, a report is issued recommending a complete re-audit at a future date)

4.5 Next, the CGSB reviews the Lead Auditor's recommendation and pertinent technical information about the applicant's system. A decision is made to grant or deny the qualification, or to ask that additional information be provided. If nonconformities are identified during the audit, the applicant shall take satisfactory corrective action before the CGSB recommends that the Team Leader, Certification Services, CGSB, prepare a written offer of qualification.

4.5.1 Applicants are considered qualified only when they have received a signed letter of offer from the Team Leader, Certification Services, CGSB.

4.6 A certificate is issued to the successful applicant following the signing of the legal agreement. The certificate shows the applicant's name, the address of the qualified facility and the scope of qualification. The certificate is valid for three years. A new certificate is issued upon satisfactory completion of the re-audit.

4.7 An up-to-date list of qualified organizations can be viewed at www.ongc-cgsb.gc.ca.

5. PHASE 4: MAINTENANCE OF QUALIFICATION

5.1 **Management system changes**—Organizations shall promptly notify the CGSB, in writing, of any intended changes to their quality management system. These include changes to policy and procedures, organization, location or any other change affecting conformity to the Standard. Before approving a change, the CGSB may require a site visit or a re-audit.

5.2 **CGSB program changes**—The CGSB will notify organizations, within a reasonable time, of any changes it intends to make to program requirements. Organizations' views will be considered before the CGSB makes decisions on the precise form and effective date of proposed changes to the program.

5.3 **Maintenance audits**—The CGSB conducts maintenance audits at least once a year, usually during the anniversary month of the initial

audit. The maintenance audits will be assigned, planned and executed in a manner similar to that for the initial document review. The maintenance audit shall include, but not be limited to, a review of:

- the current version of the organization's quality management system manual, including any changes;
- the results of previous internal and external audits and any corrective actions;
- the results of previous management reviews.

The CGSB reserves the right to verify information by requesting further documents or by conducting telephone interviews or an on-site audit, at its discretion. Should an on-site visit be conducted, the CGSB shall provide the organization with written notice and justification of such action.

Upon completion of the maintenance audit, a report that meets the same criteria as for the report mentioned in Phase 3 is issued.

- 5.4 To remain in the program, the organization continues to agree to:
- abide by the program requirements;
 - discharge to the satisfaction of the CGSB any nonconformities that arise. These include nonconformities identified during the on-site audit, and misuse of logos and trademarks, as specified in the legal agreement.
- 5.5 Requalifications (full system audits) are conducted every third year, usually during the anniversary month of the initial audit. Re-audits will be assigned, planned and executed in a similar manner to the initial audit. At the conclusion of the re-audit, a report that meets the same criteria as the report mentioned in Phase 3 is issued.

6. DELISTING, APPEALS AND RE-APPLICATION

- 6.1 If a major nonconformity arises or a series of faults are identified, the qualified organization is given the opportunity to provide an explanation and voluntarily take corrective action within a specified time period.
- 6.2 In the event of repeated problems with the performance of an organization's management system, complaints from users or other evidence that indicates a lack of performance within the qualified facility, the CGSB may, at its discretion, decide to:

- audit more frequently;
- return to the facility to verify the effectiveness of the corrective action;
- suspend or delist the registrant.

6.3 Qualified organizations that fail to demonstrate their ability or willingness to meet the program requirements within a specified time period will be suspended or delisted. DFO will be notified of all potential changes and/or changes to an organization's status.

6.4 Any decision by the CGSB against the qualified organization may be appealed (CGSB Procedure CAD1 — Appeal) to the Team Leader, CS (first level), Manager, CAD (second level), and Director, CGSB (third level); ultimately, all participating organizations have a right of final appeal of the decision to the DFO committee (fourth level). The appellant shall submit arguments and evidence in writing within 30 days of notification of the decision in question. Additional details on the appeal process will be provided upon request.

Organizations that want to re-apply to the program following delisting shall repeat the entire listing process.

7. COMPLAINTS

7.1 The CGSB has a mechanism for handling complaints about the performance of qualified organizations.

7.2 The CGSB will, upon written notice, investigate the complaint in accordance with its formal procedures. The organization may be asked to provide information, records and other pertinent data. The organization has the right to provide evidence that refutes the complaint. To resolve the dispute, the CGSB may require a further on-site audit. If the organization fails to comply with those requests or to correct the problem, or if the complaint is upheld, the organization may be suspended or delisted from the program. Generally, the organization will have the opportunity to take corrective action before the CGSB suspends or delists the facility, or takes other action.

7.3 If the organization is found to be at fault, it will pay any costs associated with the complaint (e.g. cost of additional audits, program management time). If the organization is not found to be at fault, the complainant will be responsible for these costs. Additional details on the complaint process will be provided upon request.

- 7.4 Any decision by the CGSB against the qualified organization may be appealed. Details of the appeal process are available from the CGSB. All participating organizations have a right of final appeal of the decision to the DFO committee. Organizations that want to re-apply to the program following delisting shall repeat the entire listing process.

8. COSTING

- 8.1 The CGSB administers qualification programs on behalf of participating organizations on a cost-recovery basis.

8.2 Costs

8.2.1 Application costs

Application fee (one-time admission fee to the program) \$500

Management time (for handling and processing applications) \$197.50/h

Initial quality system audit¹

Travel time \$98/h

8.2.2 Annual costs for maintenance and compliance activities

Listing fee (not applicable)

Ongoing quality system audits

Note: The first audit costs is paid by the DFO. If a 2nd audit is required the DMC will be charged.

Second quality system audit²

Management time (administration of program activities) \$197.50/h

Note: The DMC will be charged management time for any issues beyond the first response to corrective actions.

Travel time \$98/h

¹ The cost varies depending on the size, location and complexity of the operation to be audited. The costs included in the audit are travel, accommodation and professional service fees of the auditor. The cost may be less if applicants are already listed with another CGSB program.

² Program participants whose products or facilities have been suspended will be charged the greater of the actual time spent to reinstate the product or facility at the management time hourly rate or the minimum fee.

Reinstatement fee (minimum)² \$250

8.3. **Method of payment**

The CGSB accepts payment by VISA, MasterCard, or American Express and by money order or cheque payable to the **Receiver General for Canada**.

Note: First-time applicants to this program shall submit their application fees before the CGSB evaluates their applications. All other costs are invoiced as the work is performed.

8.3.1. **Submission of money orders and cheques**

By mail: Client Services Assistant — Finance
Canadian General Standards Board
Gatineau, Canada
K1A 1G6

By courier: Client Services Assistant — Finance
Canadian General Standards Board
Place du Portage, Phase III, 6B1
11 Laurier Street
Gatineau, Quebec
Canada K1A 0S5

8.3.2. **VISA, MasterCard, or American Express Payments:**

Applicants/program participants who want to pay by credit card shall contact the following:

By telephone: Client Services Assistant — Finance
Canadian General Standards Board
819-956-0405

By fax: Client Services Assistant — Finance
Canadian General Standards Board
819-956-5740

Note: All fees are payable in **CANADIAN DOLLARS**. Canadian companies only, please add 5% GST to all fees.

9. USE OF THE CGSB NAME AND QUALIFICATION NUMBER

- 9.1 The sole intended use of the CGSB Qualification Program for Dockside Monitoring Companies is for DFO to meet its requirements pertaining to the qualification of DMCs. The CGSB name and qualification number and/or DFO name may therefore be used only in that context.
- 9.2 Organizations shall not use the CGSB name or qualification number in a manner that tends to be misleading. Moreover, organizations shall not make use of the CGSB name, abbreviations, qualification number, marks or symbols, or any other form of reference to the CGSB and/or DFO in a manner that may be interpreted to mean that the CGSB and/or DFO approves of or endorses any product or service of the qualified organization, or the performance (including the quality compliance or performance) of any product or service of the organization.
- 9.3 The use of the qualification number is independent of, and does not excuse, release or relieve the organization from its obligations to comply with, all applicable federal, provincial or municipal statutes, regulations and by-laws and all applicable industry guidelines concerning quality matters.

10. PREPARING YOUR APPLICATION

- 10.1 **Step 1: Application form** — Form DMP 1 is a legal document certifying your organization's commitment to a high-performance management system. It shall be signed by a senior official in charge of the management system and by a responsible officer of the *organization* (e.g. president, vice-president, secretary-treasurer).
- 10.2 **Step 2: Applicant profile form** — Completion of Form DMP 2 ensures that the CGSB captures all necessary program information, including all the locations/facilities to be qualified.

Forms DMP-1 and DMP-2 are found in Appendix A, at the end of this document.

10.3 **Step 3: Submission of quality management system
documentation**

By mail: Qualification Program for Dockside Monitoring
Companies
Certification Services — Products and Services (CS)
Canadian General Standards Board
Gatineau, Canada
K1A 1G6

By courier: Qualification Program for Dockside Monitoring
Companies
Certification Services — Products and Services (CS)
Canadian General Standards Board
Place du Portage, Phase III, 6B1
11 Laurier Street
Gatineau, Quebec
K1A 0S5

Section B – Dockside Monitoring Program Quality Management System Standard

1.0 INTRODUCTION

The Listing Program with the CGSB has two goals. One is to ensure that each DMC has a quality management system (QMS) in place to ensure the accuracy of the reported quota numbers. The second is that each DMC has quality management practices in place to ensure the viability of that DMC.

2.0 SCOPE

This standard specifies the management system requirements that Dockside Monitoring Companies shall meet in order to comply with the Department of Fisheries and Oceans' Fishery (General) Regulations, issued under the authority of the Fisheries Act.

3.0 QMS PRINCIPLES

The following quality management principles have been identified and can be used by top management in order to lead the organization towards improved performance:

a) Customer focus

Organizations depend on their customers and therefore should understand current and future customer needs, should meet customer requirements and strive to exceed customer expectations.

b) Leadership

Leaders establish unity of purpose and direction of the organization. They should create and maintain the internal environment in which people can become fully involved in achieving the organization's objectives.

c) Involvement of people

People at all levels are the essence of an organization and their full involvement enables their abilities to be used for the organization's benefit.

d) Process approach

A desired result is achieved more efficiently when activities and related resources are managed as a process.

e) System approach to management

Identifying, understanding and managing interrelated processes as a system contribute to the organization's effectiveness and efficiency in achieving its objectives.

f) Continual improvement

Continual improvement of the organization's overall performance should be a permanent objective of the organization.

g) Factual approach to decision making

Effective decisions are based on the analysis of data and information.

h) Mutually beneficial supplier relationships

An organization and its suppliers are interdependent, and a mutually beneficial relationship enhances the ability of both to create value.

4.0 QUALITY MANAGEMENT SYSTEM

4.1 General

The management of each DMC needs to recognize that their view of the quality management system is actually how they want the company to operate and the employees to perform. DMC managers shall identify and write down how they expect their Dockside Observers (DOs) and office staff to function. They also have to consider what training is needed for the staff and how they are going to verify that **ALL** these productive activities are happening in the way they want. And finally, they need to have a way of identifying weaknesses in their quality management system and then improving their methods of satisfying their customers and their likelihood of survival.

In order to achieve these objectives, each DMC's quality management system needs to include written procedures covering all of the items listed in the next sections. They shall also provide objective evidence that their quality management practices comply with those procedures. Objective evidence is

usually in the form of records of activities required by either the quality management system or their customers' performance expectations.

In the case of the Dockside Monitoring Program, every customer has more than one expectation of the service provided by a DMC (or perhaps more than one category of customer). First is the expectation that their catch will be counted accurately so that they can be fairly compensated for their work at the price per quantity that they have negotiated with each buyer. This is achieved by the independent monitoring of the Dockside Observer.

Second, they expect that the verification of the quantity by the DMC will be accepted by DFO as accurate, ensuring that they (the fish harvesters) will have sufficient information to not knowingly exceed their quota.

And third, the DMC's quality management practices will consistently provide the agreed service. Meeting the requirements of the CGSB Listing Program generally satisfies these three expectations.

4.2 Documentation

4.2.1 Procedures and forms

DMC Management shall ensure the following:

- 4.2.1.1 When management decides that staff members need written instructions to follow or forms to fill out, there is a method to ensure that only the correct (most recent) version is used.
- 4.2.1.2 There is a method of identifying each page of a document as to whether or not it is the most current one (revision level indicator).
- 4.2.1.3 When changes are made, all obsolete versions of such documents are removed from circulation.
- 4.2.1.4 Current revision levels of each quality management system document are clearly identified.
- 4.2.1.5 Documentation is used to train, and is readily accessible to, all staff members that rely on such documentation to perform their tasks.
- 4.2.1.6 All staff members are aware of who has the authority to approve and revise quality management system documentation and of how they may make suggestions for the improvement of the documentation.

- 4.2.1.7 Relevant DFO directives concerning quality management system requirements, including DFO requirements, as set out in the Atlantic Region Dockside Monitoring Program—Policy and Procedures, Part II: Operational Procedures document and related regional annexes, are incorporated into the Quality System Management Procedures.

4.2.2 Records

DMC management shall ensure the following:

- 4.2.2.1 Records required to demonstrate compliance with the company system's procedures are clearly identified.
- 4.2.2.2 Records are collected, maintained and protected from unauthorized access.
- 4.2.2.3 Records are legible, retrievable and accessible to DMC employees who rely on them to perform their tasks, and to DFO and DFO-appointed auditors as required.

5.0 MANAGEMENT RESPONSIBILITY

5.1 Policy

DMC management shall ensure the following:

- 5.1.1 Policy or attitudes regarding satisfying customer expectations, consistently meeting DFO's and the CGSB's requirements and continually improving its methods of operation are known and followed by the staff.
- 5.1.2 This policy is clearly stated in the documentation provided to the staff.

5.2 Responsibility and authority

DMC management shall ensure the following:

- 5.2.1 All employees are aware of their responsibilities and authorities related to the quality management system and the "chain of command" within the DMC.

- 5.2.2 A person is designated at the management level to accept overall responsibility for the implementation and maintenance of the documented quality management system.

6.0 TRAINING

- 6.1 DMC management shall ensure the following:
 - 6.1.1 All staff, DOs and office workers are qualified on the basis of education, training and/or experience appropriate to their tasks.
 - 6.1.2 DOs are certified by DFO, and certifications are current.
 - 6.1.3 All staff, DOs and office workers are trained on quality management system documentation relevant to their specific tasks and their contribution to improving the quality management system.
 - 6.1.4 Records of all such training, including all on-the-job training, are maintained.

7.0 PRODUCTION

- 7.1 DMC management shall ensure that procedures are established in sufficient detail for all productive processes, including but not limited to:
 - 7.1.1 Dockside Observer tasks, from arriving at the offloading site through to communicating information, data and reports to the DMC;
 - 7.1.2 receiving and processing information, data and reports at the DMC office and forwarding such information to DFO;
 - 7.1.3 filing monitoring information according to DFO directives;
 - 7.1.4 completing and submitting incident reports to DFO.

8.0 INSPECTION

- 8.1 DMC management shall ensure the following:
 - 8.1.1 All information, data and reports are inspected for completeness and numerical accuracy prior to being forwarded to DFO.

- 8.1.2 DFO is informed of any information that is missing or numerically inaccurate.
- 8.1.3 A designated individual signs off on information, data or reports sent to DFO, verifying that such information, data and reports have been inspected as required above.
- 8.1.4 Adequate objective evidence and records of the above inspections are maintained

9.0 . INTERNAL AUDIT

- 9.1 DMC management shall ensure the following:
 - 9.1.1 Evaluations of the effectiveness and efficiency of its quality management system are undertaken on a regular basis. These audits also evaluate the degree to which the DMC's management and employee practices comply with the established procedures.
 - 9.1.2 ALL parts of the quality management system are evaluated or audited at least once a year. The more important the activity, the more frequently the audits are scheduled.
 - 9.1.3 As much as possible, internal auditors are independent of the activities being audited, that is, they cannot audit their own work.
 - 9.1.4 Auditors are trained in the processes of internal audit and records kept of this training.
 - 9.1.5 Auditors tell the person being audited of the audit results before leaving at the end of the audit.
 - 9.1.6 Discrepancies found during an audit are corrected and considered for improvement action.
 - 9.1.7 Internal audits are used to verify the effectiveness of previous improvement actions.
 - 9.1.8 Records of internal audits are maintained and made available to DFO or to DFO-appointed external auditors, as required.

10. IMPROVEMENT

- 10.1 Deficiencies are usually found through internal or external quality management system audits (section 9.0). They may also come from formal complaints from DMC clients or DFO.
- 10.2 DMC management shall ensure the following:
 - 10.2.1.1 Deficiencies in the quality management system are identified and documented when they happen or are discovered.
 - 10.2.1.2 Procedures are established and written to ensure that the deficiency is corrected.
 - 10.2.2 Procedures to identify opportunities for improvement to the quality management system based on these deficiencies are also established and written down.
 - 10.2.2.1 The first step in improving the quality management system is to investigate the root cause of deficiencies.
 - 10.2.3 Once the root cause of the deficiency appears to have been determined, action is taken to improve the quality management system and ensure the deficiency does not reoccur.
 - 10.2.4 Adequate records of complaints, deficiencies and improvement actions are maintained for a suitable period.
 - 10.2.5 Each implemented improvement action needs to be reviewed for effectiveness. If the deficiency still exists, then the action taken was not effective and the process of determining the root cause and implementing improvement(s) needs to be performed again.

Appendix A – Forms

- Application Form (DMP-1)
- Applicant Profile Form (DMP-2)



Government
of Canada

Gouvernement
du Canada

Canadian General
Standards Board

Office des normes
générales du Canada

APPLICATION FORM

Application

Legal name of applicant

Address of applicant

hereinafter called the "Applicant", hereby applies for qualification for the facilities listed on the attached Applicant Profile form for the following Program:

☐ Dockside Monitoring Companies

Undertaking

The Applicant, by and through its responsible officer(s), states and undertakes:

That the Applicant will conform to the provisions of the applicable Dockside Monitoring Program Quality Management Systems Standard (the Standard);

That the Applicant's list of locations or facilities meets the provisions of the standard;

That all production or services from the above facility will conform to the Applicant's current specifications and will continue to meet the requirements of the standard;

That the Applicant's management is familiar with and accepts the conditions governing this qualification as described in the current edition of the *CGSB Policy Manual for the Conformity Assessment Division*;

That the Applicant has received and will abide by the applicable provisions of the Qualification Program Manual;

That the CGSB or its authorized representatives shall be permitted to audit the Applicant's facilities at such times and in such a manner as the CGSB shall decide.

DMP-1 – April 2009

By completing and signing this Application form, the Applicant acknowledges having read and understood the conditions of the Qualification Program Manual hereto attached and hereby agrees and undertakes to follow the processes in relation to any activity connected with the Qualification Program.

In consideration of the qualification granted by the CGSB, the supplier undertakes to make the payments of the applicable fees in accordance with the costing section of the Program Manual, and to make payments of money to the Receiver General for Canada and remit to:

Certification Services
Conformity Assessment Division
Canadian General Standards Board
Gatineau, Canada
K1A 1G6

IN WITNESS WHEREOF, this Application has been executed by the Applicant this day of 200...

Signature of the senior manager in charge of management systems assurance

Signature of the responsible officer of the applicant company

Please submit this application to:

Certification Services
Conformity Assessment Division
Canadian General Standards Board
Gatineau, Canada
K1A 1G6

Note: The application must include the following:

- Completed Application form
- Completed Applicant Profile form
- Company Certificate, Corporate Registration or Business Registration
- Application Fees

A2



Government
of Canada

Gouvernement
du Canada

Canadian General
Standards Board

Office des normes
générales du Canada

APPLICANT PROFILE

Please complete form and list all facilities or sublocations

File No. _____
(CGSB use only)

Section 1 — Applicant information

Legal name and address

Language preference Correspondence: ☐ EN ☐ FR Audit: ☐ EN ☐ FR

Applicant representative _____

Title _____

Telephone _____ Fax _____

E-mail _____ Web site _____

Contact for invoices _____

Telephone _____ Fax _____

Address of facility #1
(if different from above) _____

Size of facility (sq. ft.) _____

Number of employees _____ **Number of shifts** _____

Number of personnel directly involved in the management system
(e.g. dedicated to quality assurance) _____

Approximate number of pages in your management system documentation,
including quality manual and procedures _____

Address of facility #2 _____

Size of facility (sq. ft.) _____

Number of employees _____ **Number of shifts** _____

Number of personnel directly involved in the management system
(e.g. dedicated to quality assurance) _____

Approximate number of pages in your management system documentation,
including quality manual and procedures (if different from above) _____

Address of facility #3 _____

Size of facility (sq. ft.) _____

Number of employees _____ **Number of shifts** _____

Number of personnel directly involved in the management system
(e.g. dedicated to quality assurance) _____

Approximate number of pages in your management system documentation,
including quality manual and procedures (if different from above) _____

Lapierre, Daniel

From: Lapierre, Daniel
Sent: Tuesday, March 13, 2018 9:29 AM
To: 'Lonnie McNeill'
Subject: FW: Report 2 - Sustaining Canada's Major Fish Stocks
Attachments: REPORT 2 Sustaining Canada's Major Fish Stocks 2016.pdf; Report 2 Erratum.pdf

Hi Lonnie,

Further to inquires you made in regards to the OAG report, and more specifically about the National Fishery Monitoring Policy, please note that this is the policy that will seek to support DFOs decisions regarding what catch monitoring tools and at what levels based upon the specific risks associated to a given fishery; it is still in the works so no definite delivery date at this point.

Hope this help

Daniel Lapierre

s.16(2)(c)

Catch Monitoring Program Coordinator – Conservation and Protection branch
Fisheries and Oceans – Gulf Region/Government of Canada
daniel.lapierre@dfo-mpo.gc.ca / Tel : 506-851-6214 / Cell: 506- [REDACTED] / Fax : 506-851-2504

Coordonnateur, Programmes de surveillance – Division de la Conservation et Protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
daniel.lapierre@dfo-mpo.gc.ca / Tél : 506-851-6214 / Mobile: 506- [REDACTED] / Télécopieur : 506-851-2504

s.19(1)


From: Lonnie McNeill [mailto: [REDACTED]]
Sent: 2018-March-12 6:56 PM
To: Lapierre, Daniel
Subject: Report 2 - Sustaining Canada's Major Fish Stocks

Salut Daniel:

Here is the document we talked about regarding National Monitoring Policy.

s.19(1)

a plus tard,
Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
 (Cell)

Lapierre, Daniel

From: Lapierre, Daniel
Sent: Tuesday, March 13, 2018 10:15 AM
To: 'Lonnie McNeill'
Subject: FW: CONSULTANT

FYI – you might wish to get in touch with either Marjorie or Rita to talk about potentially having to reschedule in the event of a storm.

Daniel Lapierre

Catch Monitoring Program Coordinator – Conservation and Protection branch
Fisheries and Oceans – Gulf Region/Government of Canada
daniellapierre@dfo-mpo.gc.ca / Tel: 506-851-6214 / Cell: 506-[REDACTED] / Fax: 506-851-2504

s.16(2)(c)

Coordonnateur, Programmes de surveillance – Division de la Conservation et Protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
daniellapierre@dfo-mpo.gc.ca / Tél : 506-851-6214 / Mobile: 506-[REDACTED] / Télécopieur : 506-851-2504

From: Marjorie [mailto:leemanm@nbnnet.nb.ca]
Sent: 2018-March-13 9:53 AM
To: Lapierre, Daniel
Subject: CONSULTANT

Daniel, Rita and I are supposed to be meeting with the DFO consultant on Wednesday, March 14, 2018.
I am unable to make contact with him in the event of a storm. I understand that he will be in Moncton today.
Could you please tell him if his plans change what our contact numbers will be?

Seefish 506 747-3550

s.19(1)

Marjorie Cell [REDACTED]

Rita Cell [REDACTED]

Thank you

Marjorie - Seefish

Lapierre, Daniel

From: Lapierre, Daniel
Sent: Thursday, March 15, 2018 8:50 AM
To: 'Lonnie McNeill'; Massiera, Josiane
Cc: Peter Johnston
Subject: RE: DMC Schedule

Morning Lonnie,

Yes, I would definitely have a chat with Albert Gaudet given the circumstances; he'll be able to provide good insight I'm sure.

Cheers

Daniel Lapierre

Catch Monitoring Program Coordinator – Conservation and Protection branch
Fisheries and Oceans – Gulf Region/Government of Canada
daniel.lapierre@dfp-mpo.gc.ca / Tel: 506-851-6214 / Cell: 506- [REDACTED] / Fax: 506-851-2504

s.16(2)(c)

Coordonnateur, Programmes de surveillance – Division de la Conservation et Protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
daniel.lapierre@dfp-mpo.gc.ca / Tél: 506-851-6214 / Mobile: 506- [REDACTED] / Télécopieur: 506-851-2504

s.19(1)

From: Lonnie McNeill [mailto: [REDACTED]]
Sent: 2018-March-14 8:09 PM
To: Massiera, Josiane; Lapierre, Daniel
Cc: Peter Johnston
Subject: DMC Schedule

Hi Josiane and Daniel:

Seefish postponed today's meeting as the weather was poor in Fairhaven (I think it is worse here in Tracadie!). I will now aim to meet with Seefish on Tuesday 20 March.

Albert Gaudet from Atlantic Catch Data (ACD) has advised that Robert from the Pictou office is unavailable until sometime in April and suggested that the Yarmouth ACD office could help. Would that be satisfactory?

Thanks,
Lonnie

s.19(1)

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

Lapierre, Daniel

From: Massiera, Josiane
Sent: Tuesday, May 1, 2018 10:42 AM
To: Lemay, Gaëlle; MacLachlan, Mark; Lapierre, Daniel; Rondeau, Amélie; Comeau, Sandra J; Moore, Benjamin; Dwyer, Alan
Cc: LeBlanc, Carole L; Mallet, Pierre
Subject: FW: Draft Report: Lobster Catch monitoring study
Attachments: Lobster Feasibility Study - Draft Report 18-05-01.docx

For your comments by May 17.
Thanks,
Josiane

s.19(1)

From: Lonnie McNeill [REDACTED]
Sent: May-01-18 7:34 AM
To: Massiera, Josiane
Cc: Peter Johnston
Subject: Draft Report

Good morning Josiane:

Please find subject report for review by you and your team.

You will see that following our Options discussions last week, we changed Option 2 to 5% Monitoring from the original 25-75% and we have dropped Data Entry with Some Monitoring as it was too similar to 5% Monitoring. Then we added a new option which was Delay in Monitoring Until 2020 which had identified earlier as a possible variation.

It may be that the reviewers would place a different weight for the factors, and that can be amended as you see fit.

I know it is not intended to change the format of the log book, but we have have suggested that it would help if all the required information could be on one document.

With one month until the Final Report is due, we will continue to refine the document and incorporate recommendations from you and your colleagues.

Thanks very much,
Lonnie

s.19(1)

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

Lobster Study

DRAFT REPORT

1 May 2018

Report submitted to:
Fisheries and Oceans Canada

Report submitted by:
Lansdowne Technologies Inc.

Lobster Feasibility Study Report

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Executive Summary

This report describes the work and findings from the lobster study consultant from Lansdowne Technologies Inc. (LTI) in conducting a feasibility study to develop an implementation plan for reliable, timely and accessible fisheries information and catch monitoring in the Gulf Region Lobster Fishery, in accordance with Contract F52111-170559 (20 February 2018).

The Statement of Work in the Contract identified five principal tasks to be completed. These tasks were:

- Present facts on the Gulf Region lobster fishing industry;
- Review the current Dockside Monitoring Program (DMP) and identify the gaps to proceed with lobster catch monitoring;
- Develop an implementation plan that will ensure that the lobster Catch Monitoring data system includes data that will be entered in the DFO informatics system: Gulf Fishery Information System (GFIS);
- Provide recommendation of staffing requirements; and
- Provide a cost analysis.

The specific components of these five tasks are addressed in the corresponding sections of this report. At the outset, the objective was to gain an understanding of the current situation in the Gulf Region lobster fishery and with the Gulf Region DMP. From this starting point, options were developed to address the broad objective of providing an implementation plan for catch monitoring in the Gulf Region lobster fishery. Upon examination of these options and following a cost analysis, a recommended option was selected.

It is considered that the key factor in achieving successful implementation of catch monitoring in the Gulf Region lobster fishery is recruiting, training and retaining a sufficient number of dockside observers that will be able to monitor the landings without impeding the efficient offloading of catch. The recommended option is, therefore, a phased approach with a goal of 5% monitoring in the first year that will minimize disruption and provide a greater chance of overall success. It is recommended that the DMPs aim for 10% coverage in the second year and 25% in the third year. This approach would allow for a measured increase in capacity while working toward full coverage.

Subject to availability of funds, it is recommended that DFO contribute financial resources during the early stages of the implementation. This approach will facilitate transition from a current no-cost arrangement for the fishers to monitoring paid for by industry. Additionally, all stakeholders could be made aware of the possibility to receive support from the Atlantic Fisheries Fund for innovations that could help increase productivity, quality and sustainability in the fish and seafood sector.

A modest presence with 5% monitoring in the first year is considered achievable and feasible. As part of the phased implementation, there is a strong likelihood of achieving a high level of coverage, but initially reaching 100% will be a challenge for the DMCs and will require extensive resources and cost. Therefore, a phased approach that allows for flexibility and innovation has a higher chance for success.

Background

As outlined in the UN publication *The State of World Fisheries and Aquaculture*, in September 2015, the UN's 193 Member States adopted the 2030 Agenda for Sustainable Development. The 2030 Agenda comprises 17 Sustainable Development Goals (SDGs) as a framework to guide development actions of governments, international agencies, civil society and other institutions over the next 15 years. Several targets for SDG 14 ("Conserve and sustainably use the oceans, seas and marine resources for sustainable development") are explicitly fisheries-related. The fisheries related targets call for actions to: effectively regulate harvesting; end overfishing and illegal, unreported and unregulated (IUU) fishing and destructive fishing practices; address fisheries subsidies; increase economic benefits from sustainable management of fisheries and aquaculture; and provide access for small-scale artisanal fishers to marine resources and markets.

With an estimated annual landed value approaching \$324 million and over 7,100 people involved annually in harvesting, the lobster fishery is the mainstay of the fishing industry in the Gulf Region. The number of licence holders varies depending on the Lobster Fishing Area (LFA). There are around 669 licence holders in LFA 23, 635 in LFA 24, 710 in LFA 25, 686 LFA 26A, 109 in LFA 26B and 226 in LFA 26B. To ensure sustainability of this valuable industry and meet our commitments the international sustainable fisheries, the objective of this work is to develop a feasibility study and provide an implementation plan. This study includes various options and costs for catch monitoring in the Gulf Region lobster fishery (LFAs 23, 24, 25, 26A and 26B) to improve the quality and reliability of landing data to support the lobster stock science assessment and DFO's ability to make informed fisheries management decisions for a sustainable fishery.

The current Dockside Monitoring Program (DMP) provides accurate, timely, third party verification of fish landings in the Gulf Region for certain species (snow crab, rock crab, groundfish, tuna, shrimp, herring). It is the primary source of landing information on which Fisheries and Oceans Canada bases fisheries management decisions. The landing data from the DMP companies is entered directly in the DFO informatics system – the GFIS. The fishing industry and the Department are dependent on the accurate verification of landings by dockside monitoring companies (DMCs). The Program is also an extremely valuable management tool used by the Department to monitor the fisheries within its scope. However, there is no mandatory dockside monitoring in the lobster fishery.

Currently, landing data for the lobster industry is collected through purchase slips and logbooks which are lengthy processes to enter data both for the fishers and DFO. In some cases, these logbooks are known to be incomplete and unreliable. Fishery monitoring and catch reporting in the lobster fishery has been a long-standing issue, but the lack of reliable, timely and accessible fisheries information for a foundation of sustainable management has hampered this implementation. However, fishery monitoring and catch reporting is gaining in importance:

- The Atlantic Lobster Sustainability Measures Program (ALSM), a \$50 million funding program, supported industry efforts to improve economic prosperity and long-term sustainability in all LFAs includes the objective of improving catch monitoring and fishing effort reporting;
- Obtaining reliable and timely data from this fishery has been identified as a policy objective for the Department, including for the Precautionary Approach;

- Fishery monitoring and catch reporting is consistent with Marine Stewardship Council's requirements; and
- Improving fishery monitoring and catch reporting is in line with the Gulf Region's current vision for the lobster fishery.

The Dockside Monitoring Program (DMP) in place for other species provides information that is key to enabling sound fisheries management decisions. Given the importance of the lobster fishery to this Region and Canada as a whole, a similar program is investigated in this study to provide transparency and access to the same kind of landing data as other fisheries.

Project Scope

The goal of this study was to investigate the feasibility of fishery monitoring and catch reporting monitoring and to recommend an implementation plan that would improve the quality and reliability of landing data to enhance the lobster stock science assessment and DFO's ability to make informed fisheries management decisions for a sustainable lobster fishery in the Gulf Region.

The Lobster Feasibility Study covered the Gulf Region Lobster Fishery which includes the following LFAs: LFA 23, LFA 24, LFA 25, LFA 26A and LFA 26B.

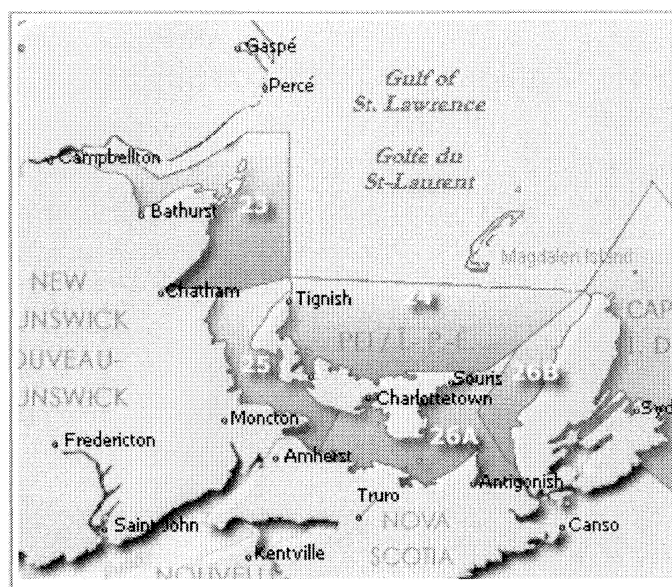


Figure 1 – Map of Gulf Region Lobster Fishing Areas

In the Gulf Region, the Regional Headquarters is located in Moncton, NB and the provincial Area Offices are in Tracadie NB, Charlottetown PEI and Antigonish NS. The interests of the fishers are represented by the following provincial organizations:

- **New Brunswick** – Maritimes Fishermen's Union/Union des pêcheurs des Maritimes (MFU/UPM);
- **Prince Edward Island** – PEI Fishermen's Association (PEIFA); and
- **Nova Scotia:**
 - o Gulf Nova Scotia Bonafide Fishermen's Association;
 - o North of Smokey Fishermen's Association;
 - o Northumberland Fishermen's Association;
 - o Gulf Nova Scotia Fishermen's Coalition;
 - o Inverness South Fishermen's Association; and
 - o Maritime Fishermen's Union (Local 4).

Six DMCs currently provide services in the region:

- 1) Pèse-Pêche Inc. in Shippagan NB;
- 2) Seefish Dockside Monitors in Fairhaven NB;
- 3) Island Weigh 95 Inc. in Tignish PEI;

- 4) Sea Tracker Dockside Monitoring in Tignish PEI;
- 5) Atlantic Catch Data in Pictou NS; and
- 6) Cheticamp Monitoring Association in Cheticamp NS.

There are two lobster fishing seasons in the Gulf Region. The spring fishery takes place in LFAs 23/24/26A/26B from 30 April to 1 July (two-month period). One area in LFA 26A between Point Prim and Victoria in PEI opens in 7 May and closes 8 July (two-month period). The summery fishery in LFA 25 runs from 9 August until 10 October (two-month period).

Approach/Conduct of Study

This study was conducted using a phased approach to gain an understanding of the current situation in the Gulf Region lobster fishery while seeking recommendations and the perspective from key DFO personnel and the DMCs and to develop a potential implementation plan for fishery monitoring and catch reporting monitoring. The four phases are described below.

Phase I: Read-In Gathering of Information (February 20 – March 11, 2018)

In this initial phase the Lobster Study Consultant conducted a read-in of DFO documentation recommended by the Project Authority and external research to gain a deeper understanding of the Gulf Lobster Fishery. A priority during this phase was to establish a working relationship with key DFO members at the Regional and Area Offices, refine the project schedule to meet DFO requirements and develop a detailed visit itinerary in each area for Phase II. A Project startup meeting was held at Regional Headquarters in Moncton on February 27, 2018. Minutes of the Project Meeting are attached at Annex A. References reviewed by the Lobster Study Consultant are attached at Annex B.

Phase II: On-Site Visits (March 12 – 28, 2018)

In this phase, the Lobster Study Consultant conducted on site visits to the Regional Headquarters in Moncton, followed by visits to the three Area Offices in Tracadie, Antigonish and Charlottetown and with the DMCs in each area. The goal of the visit to Regional HQ was to understand the strategic perspective regarding this project and to learn about the DFO Informatics System regarding how catch landing data is received/processed for other species and the desired flow of similar data for lobster. The purpose of the visits to the Areas was to get the perspective of DFO staff and the DMC management in each area regarding concerns/challenges and to assess the capacity to meet the requirements of dockside monitoring for the lobster fishery. Although not part of the original scope, it was decided by DFO to meet with the fishermen's associations to introduce the study and seek the perspective of the fishers, understanding that there would be continued dialogue among all the stakeholders following completion of the study report and a final decision by DFO.

Phase III: Analysis and Option Development (March 29 – April 26, 2018)

In this phase, the Lobster Study Consultant examined the information gathered in Phases I/II to fulfill the requirements of the assigned tasks and to identify possible options to improve the quality and reliability of landing data in the Gulf Region lobster fishery. Once the options were developed, a meeting/teleconference took place with the DFO stakeholders to examine the options and reach a consensus regarding a preferred option.

Phase IV: Reporting (April 27 – May 31, 2018)

Throughout the study, the Lobster Study Consultant submitted bi-weekly written reports on the progress of the project to ensure tracking of activities and deliverables scheduled were met to allow early identification of any changes required by the Project Authority to meet the needs of DFO.

In this phase, the Lobster Study Consultant developed both draft and final reports. The draft report was provided to DFO for review and comment on May 1, 2018 and an updated final report will be submitted on May 31, 2018.

Current Situation/Findings

Task 2.1.1 - Present Facts on Gulf Region Lobster Fishery

The goal of this task was to identify number of participants, active license holders, wharves with lobster trips and trips per wharf. The bulk of this information was derived from spreadsheets provided by the Statistics Division at Regional Headquarters Moncton.

The number of licenses and the number of trips from 2003 to 2016 were reviewed.

Year	# of Licenses	Increase or decrease in licenses from base year 2013	# of Trips	Increase or decrease in # of trips from base year 2013
2003	3,273	-	126,964	-
2004	3,330	1.74%	125,722	-0.98%
2005	3,301	0.86%	126,188	-0.61%
2006	3,253	-0.61%	128,355	1.10%
2007	3,262	-0.34%	130,950	3.14%
2008	3,297	0.73%	124,110	-2.25%
2009	3,232	-1.25%	124,414	-2.01%
2010	3,206	-2.05%	117,564	-7.40%
2011	3,056	-6.63%	116,356	-8.35%
2012	3,011	-8.00%	119,844	-5.61%
2013	3,136	-4.19%	110,965	-12.60%
2014	3,046	-6.94%	120,275	-5.27%
2015	3,057	-6.60%	116,710	-8.08%
2016	2,963	-9.47%	119,955	-5.52%

Table 1 - Licenses * and Trips – Gulf Region

* In a small number of cases, where a license lands its catch in more than one port, that license is counted twice.

Since 2003, there has been a decrease of over 300 lobster licenses on average. The number of reported trips saw a high of over 130,000 in 2007 and since 2010, the trend has generally been between 115,000 and 120,000. The trend indicates a steady but slow decline in both number of licenses and number of trips. A review of this data from a provincial perspective is as shown below:

Year	# of Licenses NB	# of Trips NB	# of Licenses PEI	# of Trips PEI	# of Licenses NS	# of Trips NS
2003	1,337	37,296	1,326	63,587	610	26,081
2004	1,337	37,037	1,349	63,629	644	25,056
2005	1,293	37,274	1,347	62,289	661	26,625
2006	1,270	39,171	1,339	62,615	644	26,569
2007	1,248	41,115	1,374	62,869	640	26,966
2008	1,263	38,197	1,381	60,719	653	25,194
2009	1,220	42,403	1,385	57,667	627	24,344
2010	1,242	39,303	1,321	55,949	643	22,312
2011	1,176	37,386	1,281	54,898	599	24,072
2012	1,112	35,944	1,301	58,515	598	25,385
2013	1,169	34,182	1,331	54,123	636	22,660
2014	1,128	37,757	1,320	58,632	598	23,886
2015	1,133	37,429	1,337	56,091	587	23,190
2016	1,105	35,899	1,274	59,176	584	24,880

Table 2 - Gulf Region Licenses and Trips – By Province

The number of active licenses in the Gulf Region for 2018 is 2960 (this figure to be re-confirmed with Licenses for final report). For this study, 2016 data was used to gather the facts. A broad summary of the information for 2016 is as shown below for the provinces and each LFA:

PROVINCE	NB	NS	PEI	TOTAL
# of LICENSES	1,105	584	1,274	2,963
# of TRIPS	35,899	24,880	59,176	119,955
# of WHARVES	54	49	64	167
AVG # TRIPS PER WHARF	665	508	925	718

Table 3 - Facts by Province

LFA	23	24	25	26A	26B	TOTAL
# of LICENSES	679	683	647	736	218	2,963
# of TRIPS	21,869	31,043	25,173	32,424	9,446	119,955
# of WHARVES	31	29	39	52	18	167
AVG # TRIPS PER WHARF	705	1,070	645	624	525	718

Table 4 - Facts by LFA

While the number of licenses, trips and wharves provide a good overview of the fishery, the average number of trips per wharf does not provide meaningful data as there are some ports that are very busy, and others that are listed with no recorded trips in recent years. By removing the ports with no recent activity from the analysis, the total number of ports can be reduced from 167 to 125. A more detailed breakdown for each province is shown below.

Port	Trips Spring	Trips Summer	Licenses	Average Trips per License
NEW MILLS	614		15	41
POINTE-VERTE	291		21	14
PETIT-ROCHER	155		16	10
MILLER BROOK WHARF	236		22	11
STONEHAVEN	1,229		29	42
GRANDE-ANSE	18		2	9
ANSE-BLEUE	294		20	15
CARAQUET	151		17	9
BAS CARAQUET	395		18	22
SHIPPAGAN	156		12	13
SAVOY LANDING	88		5	18
LAMEQUE	58		1	58
PETIT SHIPPAGAN	941		22	43
MISCOU HARBOUR	2,730		65	42
PIGEON HILL	1,382		60	23
STE MARIE/ST.RAPHAEL	588		24	25
INKERMAN	547		17	32
LE GOULET	497		53	9
TRACADIE	90		5	18
VAL-COMEAU	2,286		42	54
MCEACHERN'S POINT	1,761		38	46
BAS-NEGUAC	347		18	19
NEGUAC	1,849		49	38
BURNT CHURCH	1,184		30	39
BAIE STE ANNE	35		1	35
ESCUMINAC	3,947		81	49
POINTE-SAPIN		2,224	71	31
LOGGIECROFT		1,202	35	34
CAP ST. LOUIS		1,070	37	29
RICHIBUCTO		1,624	68	24
CAP LUMIERE		1,397	40	35
COTE STE. ANNE/CHOCKPISH		673	25	27
ST. EDOUARD		361	13	28
ST. THOMAS		233	6	39
COCAGNE BAR		486	14	35
CAISSIE'S CAPE		603	13	46
ROBICHAUD		272	7	39
LES ABOITEAUX		985	24	41
BAS CAP PELE		276	7	39
BOUCTOUCHE		62	2	31
PETIT CAP		724	21	34
BOTSFORD		1,133	24	47
CAPE TORMENTINE		545	11	50
POINTE DU CHENE		160	4	40
TOTAL	24,093	11,806	1105	

Table 5 – Facts by Province – New Brunswick

Port	Trips Spring	Trips Summer	Licenses	Average Trips per License
NAUFRAGE	3,185		72	44
NORTH LAKE	4,111		88	47
RED HEAD	1,405		32	44
SAVAGE HARBOUR	1,614		24	67
SEACOW POND	2,019		49	43
TIGNISH RUN	6,082		134	48
NORTHPORT	3,857		80	46
DARNLEY	129		6	22
ELLERSLIE	50		5	10
MALPEQUE	1,304		30	43
LENNOX ISLAND	917		23	38
MILLIGAN'S WHARF	1,135		26	44
FRENCH RIVER	1,502		34	44
NORTH RUSTICO	1,636		36	45
STANLEY BRIDGE	75		2	38
NEW LONDON	275		6	46
COVEHEAD	638		14	46
TRACADIE	1,109		22	50
NINE MILE CREEK	462		11	42
VICTORIA	43		3	14
PINETTE	51		1	51
WOOD ISLAND	577		11	52
MACAULAYS WHARF	293		6	49
BEACH POINT	2,894		68	43
GEORGETOWN	1,469		31	47
LAUNCHING	1,950		41	46
LOWER MONTAGUE	163		4	41
MONTAGUE	366		8	46
NEWPORT	104		2	52
STURGEON	356		7	51
GRAHAM'S POND	2,162		47	46
MACHON POINT	1,460		41	36
MINK RIVER	247		7	35
SOURIS	1,794		34	53
ANNANDALE	1,855		38	49
FORTUNE	1124		20	56
HOWARD'S COVE		2,280	39	57
MIMINEGASH		1,925	40	48
SKINNER'S POND		3,567	73	48
WEST POINT		1,451	28	52
BORDEN		120	3	40
CAPE EGMONT		334	6	56
EGMONT BAY		627	12	52
HIGGINS WHARF		459	10	42
TOTAL	48,413	10,763	1274	

Table 6 - Facts by Province – Prince Edward Island

Port	Trips Spring	Trips Summer	Licenses	Average Trips per License
NORTHPORT		48	1	48
PUGWASH		332	9	37
BARRACHOIS	308		7	44
CARIBOU/FERRY WHARF	2,050		47	44
CAPE JOHN	555		12	46
TONEY RIVER	1,109		23	48
SKINNER'S COVE	464		10	46
LOGAN'S POINT	777		34	23
PICTOU ISLAND WEST	221		10	22
BIG ISLAND	48		1	48
LISMORE	1,426		31	46
LITTLE HARBOUR	567		12	47
PICTOU LANDING	777		18	43
ARISAIG	1,139		24	47
BALLANTYNE'S COVE	1,052		22	48
BAYFIELD	764		18	42
HAVRE BOUCHER	514		12	43
LIVINGSTONE'S COVE	309		5	52
TRACADIE	62		3	21
BARRIOS BEACH	376		9	42
CRIBBONS POINT	1,201		26	46
PUGWASH	399		10	40
MALAGASH	224		5	45
WALLACE	712		17	42
CHETICAMP	1,415		31	46
GRAND ETANG	1,197		25	48
MARGAREE HARBOUR	1,398		28	48
PLEASANT BAY	755		17	44
CREIGNISH	8		3	3
FINLAY POINT	558		14	40
INVERNESS	860		22	39
LITTLE JUDIQUE HARBOUR	474		11	43
LITTLE JUDIQUE PONDS	456		10	46
MABOU HARBOUR	300		10	30
MURPHY'S POND	1,156		27	43
PORT HOOD	35		1	35
BAXTER'S COVE	533		11	48
AULD'S COVE	301		8	38
TOTAL	24,500	380	584	

Table 7 - Facts by Province –Nova Scotia

Analysis:

The analysis reviews the number of licenses and the number of trips by province. PEI (43 % of the licenses/49.3 % of the trips), has the busiest lobster fishery, followed by NB (37.3 % of the licenses/29.9 % of the trips) and NS (19.7 % of the licenses/20.8 % of the trips).

Of the 125 ports, 48 ports (38 in the spring lobster fishery and 10 in the summer lobster fishery) had over 1000 trips in 2016, with Tignish Run being the busiest port with over 6,000 trips. These 48 ports account for over 76% of the total number of trips in the lobster fishery.

The one piece of information not available in any data base is the number of participants, which is defined as license holder plus number of helpers (crew). There are over 23,000 registered commercial fishers in the Gulf Region. The registration allows each fisher to fish for any species, so there is no information available that breaks down the fishery by each registered fisher. It is acknowledged that the number of helpers per lobster boat is usually one or two but can be more than two for larger boats or when there is a bigger workload for laying traps or banding during busy periods.

Although no accurate statistics for number of participants are available, there are means of providing a reasonable estimate. To get a reasonable estimate of the total number of participants, it was recommended by the Manager for Small Craft Harbours in New Brunswick to multiply the number of licenses by 2.5. Using this methodology, with 2960 active licenses it is assessed that there are approximately 7400 participants in the Gulf Region lobster fishery. This estimate is validated by the number (7100) listed in the Gulf Region website and mentioned in the bid solicitation for this study.

Task 2.1.2 - Review the current Dockside Monitoring Program and identify the gaps to proceed with lobster catch monitoring

This goal of this task is to review the DMP to identify if the current DMPs have capacity to provide the service and to identify minimum number of fishers needed at each wharf. To determine the perspective of the DMCs, the Lobster Study Consultant conducted face-to-face or telephone discussions with representatives from each of the six companies operating in the Gulf Region as follows:

- NS - Cheticamp Monitoring: Telephone discussion with P. Desveaux on 7 March 2018;
- NB - Pèse-Pêche Inc.: Meeting with S. Chiasson on 15 March 2018;
- PEI - Island Weigh 95 Inc.: Meeting with T. Arsenault, B. Gaudet on 19 March 2018;
- PEI - Sea Tracker Dockside Monitoring: Meeting with R. Doyle on 19 March 2018;
- NB - Seefish Dockside Monitors: Meeting with M. Leeman, R. Maillet on 20 March 2018; and
- NS - Atlantic Catch Data Yarmouth Office: Meeting with A. Gaudet on 22 March 2018.
(Atlantic Catch Data provides monitoring services for the Gulf Region from its office in Pictou. The manager of the Pictou office was not available during the on-site visit period but has been consulted during the study.)

The representatives were supportive of implementing dockside monitoring for the Gulf Region lobster fishery while acknowledging that this initiative will likely be challenging to implement. To summarize the perspective of the DMCs, the main points addressed were grouped into the following four subject areas;

1. People;
2. Data Entry and Logbook;
3. Costs and charges; and
4. Implementation.

1. **People.** DMCs identified the biggest challenge associated with an implementation of catch monitoring in the lobster fishery is the increased demand for people to conduct the dockside monitoring and to enter the data into the GFIS. DMCs have emphasized that the difficulty in finding, training, hiring and retaining observers has always been, and will continue to be, a reality for each of these companies, even before considering the implications of the workload associated with implementing catch monitoring in the lobster fishery. It was noted that most of the companies have a solid core of reliable observers who provide stability year after year. The typical core observer is often either retired or has another job that offers flexibility in working odd hours. It was also noted that the length of the season makes it difficult for university students who are seeking employment from May to August.

An additional observation was the amount of time required to receive the designation for a trained dockside observer. Dockside observer training is completed in one week. After monitoring five offloadings in the company of an experienced and designated dockside observer, the candidate is qualified to assume their duties. The granting of a temporary designation to an observer while the formal paperwork is being processed through the bureaucratic channels would help in putting the observers to work quickly and reduce the likelihood that they will have found another job once the final certification has been received by the DMC.

DMCs also identified the challenge in finding individuals who could fulfill the observer role without connections to the fishing industry and in a conflict of interest position. To mitigate this issue, an Interim Protocol on Mitigation of Conflicts of Interest in the At-Sea Observer and Dockside Monitoring Programs was signed by the Director General of Conservation and Protection in April 2017. This interim protocol provides clear direction regarding conflict of interest and mitigation procedures such as ensuring that an observer does not observe or monitor the offload of a vessel involving a family member or in a location where family operates a vessel. This approach will enable applicants to work as observers despite a connection to the fishing industry.

While there will be an increased demand for dockside observers staff, this demand was not quantified during the initial discussions. To quantify this requirement, the following factors were considered:

- the number of trips per port for the major ports (at least 300 arrivals in the season);
- an estimate of 15 minutes per weigh-out per boat. (DMC staff and DFO personnel have indicated that a maximum of 10 minutes to offload a boat is the norm; and
- the busy period for arrivals to offload catch is the five-hour period from 10 AM to 3 PM.

Assuming the boats will make approximately 35-50 trips per season, one can calculate the average number of arrivals/offloads per day in each port. With an estimate that an observer will monitor four offloads per hour, each observer could complete 20 offloads during the busy five-hour period. It is understood that the observers will likely be required for more than five hours, however, this calculation would allow for sufficient observers during this busy period. An assessment of the required number of dockside observers required for PEI, NB and NS is shown in the tables below based on an approximate average of 50 trips per boat for PEI, 35 trips per boat for NB and 45 trips per boat for PEI.

Port	# of Trips	Avg # of Offloads Each Day	Observer Requirement
NAUFRAGE	3,185	64	3
NORTH LAKE	4,111	82	4
RED HEAD	1,405	28	1
SAVAGE HARBOUR	1,614	32	2
SEACOW POND	2,019	40	2
TIGNISH RUN	6,082	122	6
NORTHPORT	3,857	77	4
MALPEQUE	1,304	26	1
LENNOX ISLAND	917	18	1
MILLIGAN'S WHARF	1,135	23	1
FRENCH RIVER	1,502	30	2
NORTH RUSTICO	1,636	33	2
COVEHEAD	638	13	1
TRACADIE	1,109	22	1
NINE MILE CREEK	462	9	1
WOOD ISLAND	577	12	1
BEACH POINT	2,894	58	3
GEORGETOWN	1,469	29	1

Port	# of Trips	Avg # of Offloads Each Day	Observer Requirement
LAUNCHING	1,950	39	2
MONTAGUE	366	7	1
STURGEON	356	7	1
GRAHAM'S POND	2,162	43	2
MACHON POINT	1,460	29	1
SOURIS	1,794	36	2
ANNANDALE	1,855	37	2
FORTUNE	1,124	22	1
			49

Table 8 - PEI Observer Requirement – Spring Fishery

Port	# of Trips	Avg # of Offloads Each Day	Observer Requirement
HOWARD'S COVE	2,280	46	2
MIMINEGASH	1,925	39	2
SKINNER'S POND	3,567	71	4
WEST POINT	1,451	29	2
CAPE EGMONT	334	7	1
EGMONT BAY	627	13	1
HIGGINS WHARF	459	9	1
			12

Table 9 - PEI Observer Requirement – Summer Fishery

Port	# of Trips	Avg # of Offloads Each Day	Observer Requirement
NEW MILLS	614	18	1
BAS CARAQUET	395	11	1
STONEHAVEN	1,229	35	2
PETIT SHIPPAGAN	941	27	2
MISCOU HARBOUR	2,730	78	4
PIGEON HILL	1,382	39	2
STE MARIE/ST RAPHAEL	588	17	1
INKERMAN	547	16	1
LE GOULET	497	14	1
VAL-COMEAU	2,286	65	3
BURNT CHURCH	1,184	34	2
BAS NEGUAC	347	10	1
NEGUAC	1,849	53	3
MCEACHERN'S POINT	1,761	50	3
ESCUMINAC	3,947	113	4
			31

Table 10 - NB Observer Requirement – Spring Fishery

Port	# of Trips	Avg # of Offloads Each Day	Observer Requirement
LOGGIECROFT	1,202	34	2
POINTE SAPIN	2,224	64	3
CAP ST LOUIS	1,070	31	2
CAP LUMIERE	1,397	40	2
RICHIBUCTO	1,624	46	2
CAISSIE'S CAPE	603	17	1
ST EDOUARD	361	10	1
COCAGNE BAR	486	14	1
COTE STE ANNE/CHOCKPISH	673	19	1
LES ABOITEAUX	985	28	2
CAPE TORMENTINE	545	16	1
PETIT CAP	724	21	1
BOTSFORD	1,133	32	2
			21

Table 11 - NB Observer Requirement – Summer Fishery

Port	# of Trips	Avg # of Offloads Each Day	Observer Requirement
BARRACHOIS	308	7	1
CARIBOU/FERRY WHARF	2,050	46	2
CAPE JOHN	555	12	1
TONEY RIVER	1,109	25	1
SKINNER'S COVE	464	10	1
LOGAN'S POINT	777	17	1
LISMORE	1,426	32	2
LITTLE HARBOUR	567	13	1
PICTOU LANDING	777	17	1
ARISAIG	1,139	25	1
BALLANTYNE'S COVE	1,052	23	1
BAYFIELD	764	22	1
HAVRE BOUCHER	514	11	1
LIVINGSTONE'S COVE	309	7	1
BARRIOS BEACH	376	8	1
CRIBBONS POINT	1,201	27	2
PUGWASH	399	9	1
WALLACE	712	16	1
CHETICAMP	1,415	31	2
GRAND ETANG	1,197	27	1
MARGAREE HARBOUR	1,398	31	2
PLEASANT BAY	755	17	1
FINLAY POINT	558	12	1
INVERNESS	860	19	1
LITTLE JUDIQUE HARBOUR	474	11	1
LITTLE JUDIQUE PONDS	456	10	1
MABOU HARBOUR	300	7	1
MURPHY'S POND	1,156	26	2
BAXTER'S COVE	533	12	1
AULD'S COVE	301	7	1
			36

Table 12 - NS Observer Requirement – Spring Fishery

Port	# of Trips	Avg # of Offloads Each Day	Observer Requirement
PUGWASH	332	7	1
			1

Table 13 - NS Observer Requirement – Summer Fishery

The resulting estimate is as follows:

- Spring Season (49 in PEI, 31 in NB, and 36 in NS); and
- Summer Season (12 in PEI, 21 in NB, and 1 in NS).

These figures are an estimate to provide monitoring services for the ports with over 300 landings in the season, with the acknowledgement that additional observers will also be required in the smaller, less busy ports. In discussing these estimates with DMCs, it was noted by the DMCs that one needs to take into consideration the number of landing stations/the number of buyers for each port to get a more accurate estimation. This information was collected, and the assessment of staff requirements is addressed in Task 2.1.4.

Additional staff for data entry for the likely increased demand was not quantified during the initial review, but DFO staff considered this increase could be more easily managed than the demand for observers. An assessment of staff requirements for data entry is also addressed in Task 2.1.4.

For other fisheries that have a DMP, the DMC office staff responsible for data entry also receive the initial hail-in call from the boat captain. The majority of the DMCs indicated that using a traditional hail-in protocol would not be feasible given the volume associated with lobster boat arrivals. Several referred to the fall herring model where the buyer calls the DMC with the arrival time of the first boat and expected total number of boats and the DMC sends the required number of observers to the port. With the expectation that an electronic log (ELOG) will soon be introduced, it may be that hail-ins will become redundant. The importance of using technology to enhance data exchange while reducing paperwork and staff requirements was also emphasized by DMCs.

2. Costs and Charges. It was agreed by all DMCs that the fishers should pay a fee for the services either as a lump sum at the outset or an amount for each landing. Most DMCs envisage that the buyers would also pay an amount as a lump sum or rate by the hour. Current practice is for price details to be negotiated between the DMCs and the fishers/buyers. Costs are outlined under Task 2.1.5.

3. Data Entry and Log Book. DFO Science identified that the current logbook used by lobster fishers does not collect sufficient data for detailed scientific analysis. To ensure the necessary data is collected, it was recommended that the current log book be revised to provide a section for Weigh-Out information and Verification/Confirmation/Signature by the Dockside Observer. Although not a requirement from the DMC perspective, DFO Science has stated that information from the fishers should include:

- How much lobster is taken out of the water;
- # of traps; and
- Where the lobster was taken (Lat/Long or grid).

While the first two items are accounted for in the current log book, the third item – which is only broken down into which half/third/quarter of the LFA the captain fished – needs to be improved, either with a latitude/longitude or a grid (similar to what is in use in LFA 36/LFA 38 in the Maritimes Region) that further refines where the lobster are being caught. Further discussion regarding the log book is addressed in Task 2.1.3.

4. Implementation. While the DMCs agreed that the implementation should be progressed in a staged, timely fashion, not all stakeholders indicated that the staging should necessarily include a steady increase in percentage of monitoring over time. It was recommended by one stakeholder to conduct a pilot project in one LFA or LFA sub-section funded by DFO. Another stakeholder recommended that DMCs simply identify different ports for focus and send the required number of observers to conduct the monitoring for certain periods: this approach would help to alleviate the expected challenges in finding sufficient staff. Another stakeholder suggested doing all the data entry during the first year while preparing for monitoring the second year. Overall, a phased approach to implementation in a staged, timely fashion was generally agreed by most stakeholders.

To address the issue of the minimum number of fishers needed at each wharf, it was recommended that there should be designated ports for offloading to alleviate the challenge in providing observers for every port with a small number of fishers. The large number of ports in the region, coupled with the fact that some ports have a small number of fishers points to the reality that achieving 100% catch monitoring in the lobster fishery is a significant challenge. It is likely that designating ports for offloading would be a challenge for some fishers and may have an impact on funding for Small Harbours if they were not used.

In summary, it was identified that the current DMP does not have the capacity to provide monitoring service for the lobster fishery and would need some augmentation to meet this requirement. The extent of the gap in capacity and potential solutions are addressed in Task 2.1.4.

Development

Task 2.1.3 - Develop an implementation plan that will ensure that the lobster Catch Monitoring data system includes data that will be entered in the DFO informatics system: Gulf Fishery Information System (GFIS), which is Oracle base for now.

The goal of this task is to provide the common factors and details for the development of a catch monitoring implementation plan. This plan takes into consideration the lobster catch monitoring data system which includes data that will be entered in the DFO informatics system, GFIS, including landings and logbook data. The potential new system that will be implemented (current timeline of 2020) due to the Ecosystem Fisheries Management Systems Integration was also considered.

As part of the current DMP for other species, vessels are required to hail-in to a DMC. The DMC receiving the call will complete a hail-in sheet with the information passed by the boat captain, which will include the estimated weight of the catch and estimated time of arrival at a specified port. The DMC will assign a dockside observer to arrive at the port 15 minutes prior to the boat's offloading time. The observer will follow the procedures outlined in the DFO publication National Dockside Monitoring Program Policy and Procedures which include verifying the weight of the catch, confirming that all fish have been offloaded from the vessel, signing the log book, and taking the DMC copy of the log book sheet to the DFO office where the required information is entered into the GFIS.

While the standard procedures for the vessel arriving at port to offload the catch will not change significantly for dockside monitoring for the lobster fishery, it is not considered feasible to use a hail-in protocol for lobster due to the size and complexity of this industry. The requirement to hail-in may be feasible when a fishery has a relatively small number of vessels or if the vessels conduct trips over several days. In the case of the lobster fishery where, during the spring season, there will easily be well over 1500 vessels landing their catch each day, the DMCs would be overwhelmed without some form of automated call centre capability. As mentioned in Task 2.1.2, it would be simpler and more efficient if the buyers call the DMC with the arrival time of their first boat and expected total number of boats, and the DMC sends the required number of observers to the port. Due to the short duration of the two Gulf Region lobster fishing seasons, most fishers will try to maximize their number of trips when the conditions are suitable.

With the implementation of a catch monitoring program, data entry into the GFIS could be straightforward and very similar to what the DMCs currently do for other species. The difference with the lobster industry will be in the volume of data resulting from up to 120,000 trips. The other significant aspect regarding data entry will be the requirement to make changes to the collection of information normally entered in lobster log book to ensure the necessary information will be recorded for subsequent entry into the GFIS.



Fisheries and Oceans
Pêches et Océans

Lobster fishery logbook
Journal de bord - Pêche du homard

No. L 0008876

Licence holder Name
Nom du Détenteur du permis _____

Vessel Registration Number (VRN)
Numéro d'enregistrement du Bateau (NEB) _____

Lobster Licence no.
No. de permis du Homard _____

Logbook Zone
Zone de Journal de Bord _____

Vessel Name
Nom du Bateau _____

Date (YY-MM-DD) (AA-MM-JJ)	Landing Port Quai de débarquement	Fishing Location (see map) Lieu de pêche (voir carte)	Traps / Casiers		Catch estimates in lbs. landed and/or used for bait Estimé des captures en lbs débarqué et/ou utilisé pour appât				Comments (Optional) Commentaires (Optionnels)	
			# hauled # levés	Soak days Jrs. Imm.	Lobster / Homard		Rock crab Crabe commun	Cunner Tanche		Sculpin Chabot/leuque
					Canner Petit	Market Gros				

Licence holder/operator
Détenteur de permis/opérateur désigné

Signature _____

Table 14 - Sample Page - Current Lobster Log Book

As shown above, the current lobster fishers log book used has sections that contain the following information:

1. License Holder Name;
2. Lobster License No.;
3. Vessel Name;
4. Vessel Registration No. (VRN);
5. Logbook Zone;
6. Date;
7. Landing Port;
8. Fishing Location (i.e. 23-A, 23-B, 23-C, 23-D, 24-1, 24-2 etc.);
9. Number of Traps Hauled;
10. Soak Days;
11. Catch Estimates for lobster (canner/market), rock crab, cunner and sculpin;
12. Comments (Optional); and
13. Signature of License Holder.

Each page of the log book has space to cover seven days. Although the log book instructions state that the reports are to be mailed weekly to the Statistics Division of Regional Headquarters in Moncton, current license conditions state that the log sheets are to be mailed every month. As a result of this inconsistency, some fishers still send a copy every week, while others send in their sheets once a month.

To ensure a composite collection of information to support catch monitoring as required by DFO Science, sections that would need to be added to the log book with the implementation of catch monitoring to include:

1. Weigh out Information (date sold/buyer/actual weight/price);
2. More precise fishing location information with coordinates (Latitude/Longitude) or the use of a grid system; and
3. Dockside Observer signature/confirmation number.

It has been emphasized by DFO Science that complete and integrated information on catch and fishing location from the fishers is required to properly assess lobster stocks and the fishery status. In the current log book, fishing location is only divided into which half/third/quarter of the LFA the captain fished. DFO Science stated that this book structure is not considered sufficient and needs to be improved, either with a Latitude/Longitude or a grid that further refines where the lobster is being caught. The implementation of this type of grid system would require the services of a geographical information system (GIS) technician. An additional section to report the number of crew including the captain could also be added to contribute to an accurate figure for total number of participants. The amended log book could continue to cover seven days or be expanded to cover up to a month.

The decision regarding the final format should consider the future ELOG. Once implemented and the ELOG is used by all fishers, the data entry task will no longer be undertaken by the DMCs as the weigh-out information will be verified by the dockside observer and automatically entered into the GFIS.

In summary, catch monitoring in the lobster fishery would work with the similar procedures to other fisheries except for the hailing in requirements for each individual fisher. Additionally, either or both the current log book and future ELOG would need to be amended to include weigh out data with accompanying signature blocks and more precise fishing location information. An amended log book should reflect the information that will be included in the ELOG for the lobster fishery to enable a future transition to ELOG.

Specific options for the implementation of catch monitoring are examined in the Options Analysis section of this report.

Task 2.1.4 - Provide Recommendation of Staffing Requirements.

The goal of this task is to review current staff requirements and compare the use of college/university students, current or new monitoring company employees, and DFO's staffing capacity in the implementation of catch monitoring.

In addressing this task, the two areas of consideration for the DMCs were the requirement for dockside observers and data entry staff. Additionally, from the DFO perspective, the implementation of catch monitoring will impact the Statistics Division at Regional Headquarters and may have an effect on Conservation and Protection Operations in the Area Offices.

Dockside Observers

The most significant challenge associated with the implementation of catch monitoring in the Gulf Region lobster fishery is the increased demand for resources to conduct the dockside monitoring. The initial discussions with the DMCs confirmed that there would be a significant demand for observers, but this number is difficult to quantify. As outlined in Task 2.1.2, an initial estimate was developed by assessing the average number of landings per day for the major ports assuming four landings could be monitored each hour by a dockside observer. This estimate resulted in a requirement for 116 observers for the spring season and 34 observers for the summer season which is roughly in line with the current observer cadre (approximately 100).

During the on-site visits, the DMCs indicated that the current number of resources for dockside monitoring is insufficient to address a 100% catch monitoring regime. DMCs and the Area Offices recommended considering the number of buying stations at each port as a foundation for calculating the requirement for observers with one observer required to monitor each buying station, particularly at the busiest ports. To provide an estimate of dockside monitoring resources, the data for buyers and buying stations was obtained primarily with the help of the Area Offices, information from DFO Statistics and some harbour authorities. The tables below provide the results of these calculations for each province for the spring and summer fishing seasons.

Port	Trips	Licenses	Buyers	Buying Stations	Observers
NEW MILLS	614	15	1	1	1
POINTE-VERTE	291	21	1	1	1
PETIT-ROCHER	155	16	2	2	1
MILLER BROOK WHARF	236	22	2	2	2
STONEHAVEN	1,229	29	3	3	3
GRANDE-ANSE	18	2	0	0	0
ANSE-BLEUE	294	20	0	0	0
CARAQUET	151	17	1	1	1
BAS CARAQUET	395	18	2	2	2
SHIPPAGAN	156	12	2	2	2
SAVOY LANDING	88	5	2	2	2

Port	Trips	Licenses	Buyers	Buying Stations	Observers
LAMEQUE	58	1	0	0	0
PETIT SHIPPAGAN	941	22	2	2	2
MISCOU HARBOUR	2,730	65	5	6	6
PIGEON HILL	1,382	60	5	8	8
STE MARIE/ST.RAPHAEL	588	24	4	6	4
INKERMAN	547	17			1
LE GOULET	497	53	5	5	5
TRACADIE	90	5			1
VAL-COMEAU	2,286	42	4	4	4
MCEACHERN'S POINT	1,761	38	6	6	6
BAS-NEGUAC	347	18	0	0	0
NEGUAC	1,849	49	3	3	3
BURNT CHURCH	1,184	30	2	2	2
BAIE STE ANNE	35	1			0
ESCUMINAC	3,947	81	3	5	5
	21,869	683			62

Table 15 - Spring Season Observer Estimate - NB

Port	Trips	Licenses	Buyers	Buying Stations	Observers
POINTE-SAPIN	2,224	71	5	5	5
LOGGIECROFT	1,202	35	5	5	5
CAP ST. - LOUIS	1,070	37	4	4	4
RICHIBUCTO	1,624	68	6	6	6
CAP LUMIERE	1,397	40	3	2	2
COTE STE. ANNE/CHOCKPISH	673	25	2	2	2
ST. EDOUARD	361	13	2	2	2
ST. THOMAS	233	6	1	1	1
COCAGNE BAR	486	14	2	2	2
CAISSIE'S CAPE	603	13	2	2	2
ROBICHAUD	272	7	1	1	1
LES ABOITEAUX	985	24	2	2	2
BAS CAP PELE	276	7	0	0	0
BOUCTOUCHE	62	2			1
PETIT CAP	724	21	3	3	3
BOTSFORD	1,133	24	3	3	3
CAPE TORMENTINE	545	11	2	2	2
POINTE DU CHENE	160	4			1
	14,030	422			44

Table 16 - Summer Season Observer Estimate - NB

Port	Trips	Licenses	Buyers	Buying Stations	Observers
NAUFRAGE	3,185	72	7	7	7
NORTH LAKE	4,111	88	11	12	12
RED HEAD	1,405	32	4	4	4
SAVAGE HARBOUR	1,614	24	3	3	3
SEACOW POND	2,019	49	2	2	2
TIGNISH RUN	6,082	134	3	4	4
NORTHPORT	3,857	80	2	2	2
DARNLEY	129	6	0	0	0
ELLERSLIE	50	5	0	0	0
MALPEQUE	1,304	30	3	3	3
LENNOX ISLAND	917	23	2	2	2
MILLIGAN'S WHARF	1,135	26	3	3	3
FRENCH RIVER	1,502	34	4	4	4
NORTH RUSTICO	1,636	36	3	3	3
STANLEY BRIDGE	75	2	1	1	1
NEW LONDON	275	6	1	1	1
COVEHEAD	638	14	2	2	2
TRACADIE	1,109	22	3	3	3
NINE MILE CREEK	462	11	2	2	2
VICTORIA	43	3	0	0	0
PINETTE	51	1	1	1	1
WOOD ISLAND	577	11	2	2	2
MACAULAYS WHARF	293	6	1	1	1
BEACH POINT	2,894	68	5	5	5
GEORGETOWN	1,469	31	2	2	2
LAUNCHING	1,950	41	4	4	4
LOWER MONTAGUE	163	4	1	1	1
MONTAGUE	366	8	1	1	1
NEWPORT	104	2	0	0	0
STURGEON	356	7	1	1	1
GRAHAM'S POND	2,162	47	3	3	3
MACHON POINT	1,460	41	1	1	1
MINK RIVER	247	7	1	1	1
SOURIS	1,794	34	5	5	5
ANNANDALE	1,855	38	3	3	3
FORTUNE	1,124	20	2	2	2
	48,413	1063	89	91	91

Table 17 - Spring Season Observer Estimate – PEI

Port	Ports	Licenses	Buyers	Buying Stations	Observers
HOWARD'S COVE	2,280	39	3	3	3
MIMINEGASH	1,925	40	3	3	3
SKINNER'S POND	3,567	73	2	2	2
WEST POINT	1,451	28	4	4	4
BORDEN	120	3	0	0	0
CAPE EGMONT	334	6	2	2	2
EGMONT BAY	627	12	2	2	2
HIGGINS WHARF	459	10	2	2	2
	10,763	211	18	18	22

Table 18 - Summer Season Observer Estimate -- PEI

Port	Trips	Licenses	Buyers	Buying Stations	Observers
BARRACHOIS	308	7	1	1	1
CARIBOU/FERRY WHARF	2,050	47	3	3	3
CAPE JOHN	555	12	3	3	3
TONEY RIVER	1,109	23	2	2	2
SKINNER'S COVE	464	10	2	2	2
LOGAN'S POINT	777	34	1	1	1
PICTOU ISLAND WEST	221	10	1	1	1
BIG ISLAND	48	1	1	1	1
LISMORE	1,426	31	2	2	2
LITTLE HARBOUR	567	12	1	1	1
PICTOU LANDING	777	18	2	2	2
ARISAIG	1,139	24	2	2	2
BALLANTYNE'S COVE	1,052	22	3	3	3
BAYFIELD	764	18	2	2	2
HAVRE BOUCHER	514	12	3	3	3
LIVINGSTONE'S COVE	309	5	2	2	2
TRACADIE	62	3	3	3	3
BARRIOS BEACH	376	9	2	2	2
CRIBBONS POINT	1,201	26	3	3	3
PUGWASH	399	10	3	3	3
MALAGASH	224	5	1	1	1
WALLACE	712	17	2	2	2
CHETICAMP	1,415	31	3	3	3
GRAND ETANG	1,197	25	4	4	4

Port	Trips	Licenses	Buyers	Buying Stations	Observers
MARGAREE HARBOUR	1,398	28	4	4	4
PLEASANT BAY	755	17	2	2	2
CREIGNISH	8	3	2	2	2
FINLAY POINT	558	14	2	2	2
INVERNESS	860	22	3	3	3
LITTLE JUDIQUE HARBOUR	474	11	2	2	2
LITTLE JUDIQUE PONDS	456	10	1	1	1
MABOU HARBOUR	300	10	3	3	3
MURPHY'S POND	1,156	27	3	3	3
PORT HOOD	35	1	1	1	1
BAXTER'S COVE	533	11	1	1	1
AULD'S COVE	301	8	2	2	2
	24,500	574	78	78	78

Table 19 - Spring Season Observer Estimate – NS

Port	Trips	Licenses	Buyers	Buying Stations	Observers
NORTHPORT	48	1	1	1	1
PUGWASH	332	9	3	3	3
	380	10	4	4	4

Table 20 - Summer Season Observer Estimate – NS

Based on the above statistics, it was assessed that the number of buying stations in the Gulf Region is 231 for the spring season and 70 for the summer season. Hence, using the DMC/Area Office recommended approach, the estimated requirement for observers for each province is summarized below:

- New Brunswick - 62 spring/44 summer;
- Prince Edward Island - 91 spring/22 summer; and
- Nova Scotia - 78 spring/4 summer.

Total – 231 spring/70 summer

Recognizing that these numbers do not consider fluctuations in the demand on a given day, or the efficiencies that would be developed over time, a 10% margin of error was introduced. As a result, the estimated number of observers required for 100% catch monitoring for the Gulf Region is assessed to be approximately 210-250 for the spring season and 60-80 for the summer season depending on the location.

Currently, the DMCs employ approximately 90-100 dockside observers in the Gulf Region. Hence, to achieve 100% catch monitoring, it would be a significant increase requiring hiring new observers. It was noted during discussion with DMCs that some of the companies are already very busy during the lobster season with no surplus while others would be able to use some of their current staff to help handle the increased demand. There is the possibility to hire college/university students for the spring season, but these candidates would not likely be available for the summer season due to academic commitments. -

Nevertheless, if sufficient observers are found for the spring season, it is possible that there would be sufficient numbers to manage the reduced requirement in the summer. Current observers, who are not working or are not busy during the lobster season, could benefit also from this opportunity, and there will be some situations where an observer who is monitoring the landing of other species could also be able to monitor lobster at the same port, particularly if the same buyer is involved. These options will need further validation through other means like interviews or a survey which is outside the scope of this study.

Data Entry Staff

There is an impact on both DFO and DMC data entry staff with a significant increase in observers with respect to data entry without ELOG in full operation. If the DMCs assume responsibility for all aspects of catch monitoring, it is highly likely that they will have to increase staff who enter the log book information into the GFIS. If DMCs were responsible for data entry, this situation would significantly decrease the data entry requirements of the Statistics Division at Regional Headquarters Moncton, which could enable an opportunity to shift more of the focus to data analysis.

	Trips	Data Entry Time in Minutes	Data Entry Time in Hours	Data Entry Time in Days	Minimum # of Data Entry People Required
NB Landings Spring	25,295	252,950	4,216	527	2
NB Landings Summer	10,604	106,040	1,767	221	1
NS Landings Spring	24,500	245,000	4,083	510	2
NS Landings Summer	380	3800	63	8	0
PEI Landings Spring	48,413	484,130	8,069	1,009	4
PEI Landings Summer	10,763	107,630	1,794	224	1
Total	119,955	1,199,550	19,993	2,499	10

Table 21- DMC Staff Requirements - Data Entry

With an expected 120,000 trips per year and assuming it would take about 10 minutes to enter the data for each trip as indicated by DMC staff and DFO personnel, it is estimated that entering lobster landing data into the GFIS would require at least 10 full-time staff for a year. The Statistics Division currently have four to five full time staff who are engaged in entering purchase slip data and also engages three part-time staff for four months to enter lobster log book data. While the number of DFO employees is slightly smaller than the estimate shown above, the six DMCs would all likely have to hire at least one additional person for data entry. With some ELOG activity in the lobster fishery starting next year, the implementation of the ELOG will reduce the requirement for data entry staff at the DMCs or Regional Headquarters implementation. The implementation should not be conducted in isolation of catch monitoring and the outcomes will need to be closely monitored to understand the mutual impacts.

DFO Staffing Capacity

From the DFO perspective, the implementation of catch monitoring in the lobster fishery could impact Conservation and Protection (C & P) in the Area Offices and will affect the Statistics Division in Regional Headquarters.

The implementation of lobster catch monitoring will likely see increased surveillance requirements or possibly a higher demand for investigations which could result in either a shift in focus from other species to lobster, or a possible requirement for additional staff in C & P to handle the workload.

As noted, the implementation of catch monitoring in the lobster fishery is suspected to have the most significant effect on the Statistics Division at Regional Headquarters for data entry and management. The current process for data entry of lobster catch information is a time-consuming process that accounts for a significant amount of the workload in Statistics. The log book provides an estimate of the catch weight but does not provide the actual weight or the price received by the fisher. This information is gathered from the buyers' sales slips. As a result, key information that should be on one form is being sent to Regional Headquarters separately by the buyer and fisher, requiring extra work to match up the information and resolve discrepancies.

Another challenge regarding lobster information is that the fishing effort and catch data do not match in the Gulf Fishery Information System as they do for other species where a DMP is in place. The capability to link the log book data with the weigh-out to a common trip ID number does not exist for lobster data. Programming changes would need to be introduced to rectify this situation and to address any further requirements associated with the implementation of lobster catch monitoring, as well as the roll out of the ELOG. Discussions with Chief Statistics indicated that this work would likely take at least six months, but this will need to be confirmed, along with an assessment of associated costs. It must be noted that the timeframe for the implementation of ELOG reporting will influence the requirement for data entry. Once ELOGs are fully implemented in the lobster fishery, the data entry requirements will be significantly reduced. Additionally, if configured properly, the ELOG data submission would also provide the fishing location data required by DFO science without any requirement to develop the grid system discussed in Task 2.1.3.

Once catch monitoring is fully implemented and data entry is performed by the DMCs or automatically transmitted through the ELOG, there is a potential benefit where the emphasis in the Statistics Division could shift from data input to ensuring data quality and conducting data analysis.

In summary, it is estimated that the implementation of catch monitoring in the Gulf Region lobster would require an addition of approximately 200-250 staff in the DMCs. From the DFO perspective, the Statistics Division will be affected in the transition phase and will likely require additional resources to implement the associated programming changes. After implementation the Statistics Division would be able to focus more on data management and analysis. Area Office C & P Divisions may require either additional staff or a shift in focus to handle a potential increase in enforcement or investigative activity.

Task 2.1.5 - Provide a Cost Analysis.

The goal of this task was to review a shared cost model in relation to industry led costs to provide a detailed implementation plan including phased-in options, and milestones.

The DFO estimate for a dockside monitoring pilot project for 2003 was approximately \$3 million or approximately 1.4% of the value of landings (\$209 million*).

Lobster Fishing Area	23	24	25	26A	26B
Number of Fishers	722	614	793	749	251
Number of Trips*	37,984	31,556	30,235	36,071	11,790
Avg # of Landings per Season	54	50	36	48	49
Cost for Weight Verification	\$540.00	\$500.00	\$360.00	\$480.00	\$490.00
Cost for Fisher for Data Entry	\$18.00	\$17.00	\$15.00	\$16.00	\$17.00
Total Cost per Fisher	\$558.00	\$517.00	\$375.00	\$496.00	\$517.00
Cost to Buyer per Fisher	\$540.00	\$500.00	\$360.00	\$480.00	\$490.00
Total Cost - Fishers and Buyers	\$1,098.00	\$1,017.00	\$735.00	\$976.00	\$997.00
Total Cost	\$792,756.00	\$624,438.00	\$582,855.00	\$731,024.00	\$250,247.00

Table 22 – DFO Cost Estimates for 2003 Pilot Project

*Based on 2001 data

In order to provide an updated and comparable cost analysis for this 2018 study, the same factors were used for this cost analysis: data entry costs and monitoring costs. The figures in Table 17 assumed a cost of \$20.00 per trip shared between the fishers and the buyers and a cost of \$15.00 to \$18.00 per fisher for data entry.

Considering inflation between 2001 and 2018 (134.4%), today's equivalent cost would be approximately \$34.00 per trip. This figure was approximately the same amount indicated for other species in anecdotal discussions with some of the DMCs. As it is understood that specific price arrangements will be resolved among the DMCs and their clients in each area, this analysis was conducted using a price of \$30-\$40 per trip for 120,000 trips, which includes approximately \$600,000 for data entry. The total number of landings is based on the 2016 number of 119,955 rounded up to simplify the analysis. The data entry estimate is based on approximately 20,000 hours of work as depicted in Table 16, which equates to \$5.00 per trip. If DMCs were to provide data entry services only, the cost was estimated to be approximately \$600,000.

The table below shows a corresponding decrease in data entry costs that are folded into the overall charge for the monitoring services. If the data entry work continued to be completed by DFO, the costs shown below would not factor into the assessment, but it is likely that some data entry following the dockside monitoring would be done by the DMCs.

The higher end cost of \$4.8 million (120,000 trips at \$40 per trip) equates to approximately 1.3% of the value of landings in 2016 (\$369 million).

Year	Data Entry	Monitoring	Total Program Cost
2019	\$570,000	5% - \$210,000 - \$270,000	\$780,000 - \$840,000
2020	\$540,000	10% - \$420,000 - \$540,000	\$960,000 - \$1,080,000
2021	\$450,000	25% - \$1,050,000 - \$1,350,000	\$1,500,000 - \$1,800,000
2022	\$150,000	75% - \$3,150,000 - \$4,050,000	\$3,300,000 - \$4,200,000
2023		100% - \$3,600,000 - \$4,800,000	\$3,600,000 - \$4,800,000

Table 23 - Cost Estimates

Although the standard in today's fisheries is that industry bears the cost of catch monitoring, it is likely more palatable to the fishers that DFO provide some funding initially as part of implementation. As DFO funding in support of the implementation plan will be available for fiscal years 2019-2020 and 2020-2021, an option would be for DFO to assume responsibility for costs during the first year, share costs with industry in the second year and move to industry led costs in the third year and beyond. Using the higher end of the cost model, DFO would pay \$1,380,000 in the first two years. Industry would pay \$540,000 in the second year and have increasingly larger costs each year thereafter as the implementation moves towards 100% dockside monitoring.

Year	Total Program Cost	DFO Share	Industry Share
2019	\$780,000 - \$840,000	\$780,000 - \$840,000	
2020	\$960,000 - \$1,080,000	\$480,000 - \$540,000	\$480,000 - \$540,000
2021	\$1,500,000 - \$1,800,000		\$1,500,000 - \$1,800,000
2022	\$3,300,000 - \$4,200,000		\$3,300,000 - \$4,200,000
2023	\$3,600,000 - \$4,800,000		\$3,600,000 - \$4,800,000

Table 24 - DFO/Industry Payments

Considerations related to costs are discussed further in the Options Analysis section.

Options Analysis

In conducting this study on the feasibility of fishery monitoring and catch reporting, two issues needed to be addressed: feasibility and if feasible, options for implementation. From a feasibility perspective, the implications included:

- 1) People – resources to support the Program;
- 2) Data Entry – capability to capture and analyze data;
- 3) Costs and Charges– Program costs and acceptance of charges; and
- 4) Implementation – ability to implement program over specific time period

Overall, it is feasible to implement a catch monitoring program based on the following:

- 1) People – sufficient resources can be sourced to support the Program. However, these resources need to be developed over time to ensure successful implementation;
- 2) Data Entry – the current ability capability to capture and analyze data provides a foundation for catch monitoring, but more information and automation in data entry is needed to ensure the success of the Program;
- 3) Costs and Charges– a balance in Program costs and acceptance of charges will be needed. Program costs are easier to implement over time with budget planning and allocations. The balance between government and user pay costs needs further evaluation; and
- 4) Implementation – the ability to implement program over specific time period is addressed below.

The following are possible options for implementing catch monitoring in the Gulf Region lobster fishery commencing in 2019:

1. Full 100% monitoring;
2. Partial monitoring (commencing at 5%);
3. Data entry only;
4. Primarily data entry with some dockside monitoring but not at a set percentage level; or
5. Pilot project in one LFA or sub-area of a LFA.
6. Delay Monitoring until 2020

Option 1 - Full 100% Monitoring

This option calls for full dockside monitoring services in every port where lobster is landed with accompanying data entry.

Advantages:

- Supports recognition of requirement for catch monitoring by DMCs and DFO;
- There are no discrepancies in information - fishers/buyers throughout the region are operating under the same conditions;
- Increased employment opportunities in each province;
- Help identify trends, challenges and problems quickly; and
- Potential to reach desired end state of sustainable lobster fishery more quickly.

Disadvantages

- Potential to overwhelm DMCs in hiring/training/deploying sufficient observers to handle the increased workload;
- No backup if the DMCs fall short in recruitment; and

- Greater potential for delays offloading the catch, thereby causing dissatisfaction among buyers/fishers.

Option – Partial Monitoring (commencing at 5%)

In this option, the DMCs commence dockside monitoring at an initial level of 5%. Consideration for this modest start was a stepped approach would provide a better chance for success and set the stage for phasing increased monitoring levels in subsequent years as capability and funding would support.

Advantages:

- DMCs don't need to hire/train/deploy as many observers at once;
- Ease toward achieving desired end state;
- Greater flexibility to move observers around to get the required coverage;
- Decreases the risk of failure;
- Decreases the likelihood of having delays in offloading and causing dissatisfaction among buyers/fishers.

Disadvantages

- Higher likelihood of having missing/inaccurate catch data until full implementation is realized; and
- Incomplete information on catches could potentially impact analysis.

Option 3 - Data Entry Only

In this option, the DMCs do not provide dockside monitoring and use the fishers log book sheets to enter the landing data into GFIS.

Advantages:

- Provides greater lead time for DMCs to prepare for full catch monitoring;
- DMCs/fishers/buyers can establish a working relationship in dealing with the log entries;
- DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year; and
- Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations.

Disadvantages

- No verification of what is being caught for first year;
- Could adversely affect current arrangements in Statistics for part time data entry staff; and
- Greater likelihood of having missing/inaccurate catch data.

Option 4 - Pilot Project in One LFA/Sub LFA

In this option, only one area would be involved in dockside monitoring. The scope of the pilot project could be further reduced to a small number of ports in one LFA or each LFA throughout the Gulf Region.

Advantages:

- Allows testing of implementation plan on a smaller scale to provide lessons learned for smoother transition/implementation in the rest of the region;
- Reduced cost; and
- Allow DFO resources to focus on one area.

Disadvantages:

- May not be well received in the area selected for the trial;

- Will be challenging for DMCs in selected area;
- Delays overall implementation; and
- Would require a different log book; as a result, two different logs could be in use in the Gulf Region if the other areas do not use new log book.

Option 5 – Delay Monitoring until 2020

A possible variation would be to choose one of the five options but begin implementation in 2020 instead of 2019 to enable a longer lead time for preparation/consultation with stakeholders. A component of this option could include allocating funding to the DMCs to go to each port where they expect to provide services, observe the offloading of lobster, liaise with the fishers and buyers and gain a detailed understanding of the impact dockside monitoring will have on their businesses and how to best meet the challenges of the implementation.

Advantages:

- Provides greater lead time for DMCs to prepare for full catch monitoring;
- DMCs/fishers/buyers can establish a working relationship in dealing with the log entries;
- DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year; and
- Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations.

Disadvantages

- No verification of what is being caught for first year;
- Continued likelihood of having missing/inaccurate catch data.

From the DFO perspective, it is important to have at least some monitoring activity in 2019 considering a modest objective would minimize disruption and provide a greater chance of success in the first year.

The options below were developed using four key factors that were identified through:

- 1) Interviews with DMCs and area offices;
- 2) discussions with DFO;
- 3) research of supporting documentation.

To provide a quantitative weighting analysis to these considerations, the following factors were developed, and a score assigned for each variable.

Factor 1 (TIME) - Time to achieve 100% monitoring. The desired end state is 100% monitoring, but it is not considered essential that this goal be achieved immediately. Weight Factor 1.

1 year = 5
2 years = 4
3 years = 3
4 years = 2
5 years = 1

Factor 2 (COST) - Cost to DFO during the first two years (2019-2020) assuming DFO assumes all costs during the first year and costs are shared between DFO and industry in the second year. Weight Factor 3.

Under \$1,000,000 = 5
 \$1,000,000 - \$2,000,000 = 4
 \$2,000,000 - \$3,000,000 = 3
 \$3,000,000 - \$4,000,000 = 2
 Greater than \$4,000,000 = 1

Factor 3 (RESOURCES) - Resources (observers) required in first year. Weight Factor 3.

Less than 10% = 5
 10% – 25% = 4
 25% – 50% = 3
 50% – 75% = 2
 Greater than 75% = 1

Factor 4 (PRESENCE) - It is considered important to have some monitoring activity. If this is the case in the first year a score of 5 is granted. If there is no monitoring activity in the first year, the score is 0.

To determine the overall score for each option the sum of the score for each Factor was calculated as follows: Option Score = (Factor 1 x Weight Factor 1) + (Factor 2 x Weight Factor 2) + (Factor 3 x Weight Factor 3) + (Factor 4 - Yes = 5, No = 0)

Factor	Option 1	Option 2	Option 3	Option 4	Option 5
TIME	1 Year	5 Years	5 Years	4 Years	5 Years
COST TO DFO	\$7,200,000	\$1,380,000	\$1,140,000	\$1,340,000	\$840,000
RESOURCES	100%	5%	0	100%*	100%
PRESENCE	Yes	Yes	No	Yes	Yes
* 100% for selected LFA					

Table 25 - Factor Values for Each Option

Factor	Option 1	Option 2	Option 3	Option 4	Option 5
TIME	5 X 1 = 5	1 X 1 = 1	1 X 1 = 1	2 X 1 = 2	1 X 1 = 1
COST TO DFO	1 X 3 = 3	4 X 3 = 12	4 X 3 = 12	4 X 3 = 12	5 X 3 = 15
RESOURCES	1 X 3 = 3	5 X 3 = 15	5 X 3 = 15	1 X 3 = 3	5 X 3 = 15
PRESENCE	5	5	0	5	0
TOTAL SCORE	16	33	28	22	31

Table 26 - Overall Score for Each Option

After examining the advantages and disadvantages of the options and conducting the quantitative analysis, the following options were completed. In this analysis, it was assumed that DFO accepts the cost for the first year and splits the cost with industry in the second year. Additionally, although it is

understood that it may be preferred to continue having DFO Statistics responsible for data entry in the early stages of the implementation, to allow for consistency in the calculations, the assessed cost of data entry is included in the calculations.

Option 1 - Full 100% Monitoring – While this is the desired end state, it is not considered feasible for 2019 or in the near term. The overall cost to DFO would be \$7.2 million (\$4.8 million in 2019 and \$2.4 million in 2020). Industry cost would be \$2.4 million in 2020. The combination of hiring challenges expected for the DMCs, changes required to data input, and incorporation of a new log book while an ELOG may also be introduced would present too many obstacles to achieve success. This is the most expensive option and it places an unrealistic demand on resources. Although desirable, it is not considered feasible.

Option 2 - 5% Monitoring – With this option, it would likely take five years to achieve close to 100% monitoring. DFO cost would be \$840,000 in 2019 and \$540,000 in 2020 for a total of \$1.38 million. Industry cost would be \$540,000 in 2020. With a relatively low cost, a measured approach for increasing demand for resources, while achieving monitoring presence in the first year, this option is both feasible and desirable.

Option 3 - Data Entry Only – With this option, it would likely take five years to achieve close to 100% monitoring. Assuming 10% monitoring in 2020, the cost to DFO would be \$600,000 in 2019 and \$540,000 in 2020 for a total of \$1.14 million while the cost to industry would be \$540,000 in 2020. This option allows for a timely build up of resources, but there is no monitoring presence in the first year. Although it is a feasible option, it is considered less desirable because there is no monitoring until 2020.

Option 4 - Pilot Project in One LFA/Sub LFA – The cost for this option will depend on the size of the LFA or sub-area selected for the pilot project, but it would likely between \$370,000 - \$1.2 millions in 2019. With an estimate of no more than \$800,000 in 2019 and assuming 10% monitoring in 2020, the cost to DFO in 2020 would be \$540,000 for a total of \$1.34 million while the cost to industry would be \$540,000 in 2020. This option would demonstrate strong presence in the selected area and would increase the likelihood of reaching 100% monitoring throughout the Gulf Region in a shorter period. It does, however place a high demand on resources in the selected area, while the presence would only be demonstrated in the selected area, not throughout the Region, making it less desirable.

Option 5 - Delay in Monitoring until 2020 – With this option, it would likely take five years to achieve close to 100% monitoring. The cost to DFO would depend on the arrangements made with the DMCs but would likely be less than \$300,000 in 2019. Assuming a goal of 10% monitoring in 2019 as described in Options 3 and 4, the total cost would be \$840,000 for DFO and \$540,000 for industry in 2020. This option places a realistic demand on resources, however, there is no monitoring presence in the first year. Although this option is feasible, it is less desirable because of the initial lack of presence.

Recommendation

It is recommended that Option 2, which includes a phased approach to monitoring, be selected because it is considered feasible and desirable considering the factors of time, resources, cost and presence. From the DFO perspective, it is important to have at least some monitoring activity in 2019 considering a modest objective would minimize disruption and provide a greater chance of success. In order to achieve this requirement, the following factors were considered.

Time and Resources

It is considered that starting with 5% catch monitoring in the first year and gradually increasing coverage in subsequent years provides the best opportunity for a successful implementation while mitigating the risks associated with the challenge of hiring dockside observers in sufficient numbers and coordinating the changes associated with the introduction of the ELOG.

It is recommended that the DMPs aim for 10% coverage in the second year and 25% in the third year. This approach would allow for a measured increase in capacity while working toward full coverage. Although the table below shows a large increase in monitoring percentage for the fourth year, it is recommended that these milestones be adjusted following an assessment at the end of each fishing season.

This step-up approach allows for time for changes to occur with DFO, DMCs and the lobster fishing industry. As all stakeholders gain experience and understanding, increasing the percentage for catch monitoring will only be subject to resources and costs. Additionally, increases in percentage will receive easier acceptance by the industry as the Program will already be implemented and accepted.

Cost

Recognizing that the actual cost will be determined by the arrangements between the DMCs and their clients, the estimate developed in the cost analysis is again included below.

Year	Data Entry	Monitoring	Total Cost
2019	\$570,000	5% - \$210,000 - \$270,000	\$780,000 - \$840,000
2020	\$540,000	10% - \$420,000 - \$540,000	\$960,000 - \$1,080,000
2021	\$450,000	25% - \$1,050,000 - \$1,350,000	\$1,500,000 - \$1,800,000
2022	\$150,000	75% - \$3,150,000 - \$4,050,000	\$3,300,000 - \$4,200,000
2023		100% - \$3,600,000 - \$4,800,000	\$3,600,000 - \$4,800,000

Table 27 - Cost Estimates

The costs for data entry are included with the understanding that these expenses may not be a significant factor as DFO staff will likely continue to be responsible for these tasks while the integration of the ELOG will eventually reduce the overall staff requirement for this aspect of catch monitoring. Subject to availability of funds, it is recommended that DFO contribute financial resources during the early stages of the implementation. Additionally, it is recommended that all stakeholders be made aware of the possibility to receive support from the Atlantic Fisheries Fund for innovations that could help increase productivity, quality and sustainability in the fish and seafood sector.

Presence

A modest presence with 5% monitoring in the first year is considered achievable and feasible. As part of the phased implementation, there is a strong likelihood of achieving a high level of coverage, but initially reaching 100% will be a challenge for the DMCs and will require extensive resources and cost.

Therefore, a phased approach that allows for flexibility and innovation has a higher chance for success. Solutions such as designating landing ports or finding alternative means of capturing the landing data at ports where there are only a few fishers (such as having buyers or harbour authorities provide the information) should be considered as the implementation moves forward, while remaining cognizant of the importance of all ports to their respective associated communities.

Other Considerations

As described in the discussion at Task 2.1.3, the current log book does not have sections for weigh out information, adequate fishing location or the dockside observer signature/confirmation number. It is recommended that a new log book or an addition to the existing logbook be developed to enable inclusion of this information on one document. Although this suggestion may be considered counterproductive in light of the expected implementation of the ELOG, it would reduce the challenges associated with information coming from two or three different sources: the fishers' log books, the buyers' sales slips, and the observers' landing reports. In any event, coordination will be required to ensure a smooth transition to the ELOG.

As this study considered the development of a communication strategy, it will be critical to provide key messages on how the catch monitoring for lobster in the Gulf Region will be phased-in (location, timing, and cost) and that it explains the benefits for the lobster industry as a whole to ensure acceptance. It will be very important to have the commitment of the fishers and buyers and to have the flexibility to refine details of the plan based on the recommendations/suggestions/concerns of these key stakeholders.

Approvals/Signatures

Prepared by:			
	Signature		
Please print:	Lonnie McNeill	LTI Consultant	
	Name	Position	Date

Approved by:			
	Signature		
Please print:	Josiane Massiera	DFO Project Authority	
	Name	Position	Date

Annex A – DFO Gulf Region/Lansdowne Meeting

Lobster Study Minutes
27 February 2018
1330 Atlantic

Attendees:

Josiane Massiera, DFO - Regional Senior Fisheries and Aquaculture Management Officer
Resource, Management (Project Authority)
Pierre Mallet, DFO - A/Regional FAM Manager, Resource Management
Daniel LaPierre, DFO - Dockside Monitoring and At Sea Observer Programs Coordinator,
Conservation & Protection
Gaëlle Lemay, DFO - Chief of Statistics Gulf Region
Ben Moore, DFO - A/Chief Resource Management, PEI Area Office - via phone
Alan Dwyer, DFO - Chief Resource Management, Gulf Nova Scotia - via phone
Peter Johnston, Lansdowne President - via phone
Lonnie McNeill, Lansdowne Study Consultant

Introductions were made. It was acknowledged that it was good to put faces to names and to connect with the Area Offices by phone. Sandra Comeau, the DFO A/Area Manager, Resource Management Eastern NB Area, and Amélie Rondeau, the DFO Biologist, were unable to attend this meeting but are involved in the study. During the discussions, it was noted that Krista Petersen, DFO Communications Advisor, and Mark MacLachlan DFO Senior Economic Analyst, Strategic Services Branch will also have input to the study.

DFO Perspective

It was emphasized that, as noted in the bid solicitation, even though lobster is considered the most important species in the Gulf Region, there is no current Dockside Monitoring Program (DMP) to provide an accurate assessment of the catch landing data. Work has been done to address this issue in the past but has not resulted in an established protocol for lobster. It is believed that the data DFO receives could be underreported by as much as 30%. The establishment of a DMP reflects one of the short-term objectives outlined in DFO's Integrated Fisheries Management Plan (IFMP) to implement a data collection program that includes information on amount and distribution of fishing effort. Although this study is not driven by goals of the international Marine Stewardship Council (MSC) organization, MSC does have a role in developing standards for sustainable fishing and seafood traceability and conducts an annual audit to ensure certain conditions are being met as a requirement for MSC recognized certification.

There is an established DMP for snow crab and rock crab, so the expertise of the companies involved could be used for lobster catch monitoring, recognizing that there would be a significant increase in required resources to handle approximately 150,000 lobster landings. It

is expected that the DMCs would support a DMP for the lobster fishery, but that may not be the case for the lobster fishers. Given the possible sensitive nature of this study, it will be worthwhile to develop communications lines and key messages for both DFO and the study consultants. Both Lansdowne and DFO will collaborate to prepare these key messages and communication lines under the guidance and direction of Krista Petersen.

The Gulf Fisheries Information System (GFIS) contains data provided from lobster buyers from 2003-2017. Additionally, information from the 2017 Gulf Region Lobster Fishery Economic Summary and the 2016 Stock Assessment (provided by Josiane) may help in the initial trend analysis. Daniel has provided a DMP contact list, Fisheries DMP coverage and Dockside Monitoring Policies and Procedures.

Lansdowne Methodology/Approach

Lansdowne provided an overview of the work plan as outlined in the bid. It was emphasized that the plan is subject to DFO approval and the schedule can be adjusted, particularly for the on-site visits to accommodate availability of key experts in the Regional HQ, Area offices, DMCs and other stakeholders. DFO approved the changes to the schedule, but emphasized the need to progress as much of the work as possible by March 31, 2018.

The broad objective as referred to in the Statement of Work in the contract is to provide an implementation plan for catch monitoring in the Gulf Region Lobster Fishery. This implementation plan will be the result of the feasibility study and will include various options and costs for catch monitoring in the Gulf Region. The goal is to improve the quality and reliability of landing data which will enhance the lobster stock science assessment and DFO's ability to make informed fisheries management decisions for a sustainable fishery. The Statement of Work refers to five principal tasks and a sixth task related to having up to three meetings with the Project Management Team and key stakeholders. The tasks are:

- Present Facts on Gulf Region Lobster Fishery
- Review DMP and Identify Gaps
- Develop Catch Monitoring Implementation Plan
- Provide Recommendation of Staff Requirements
- Provide Cost Analysis

The study is being conducted in the DFO Gulf Region specifically regarding the lobster fishery. The fact that lobster accounts for over 60% of the landed value of all species for this region emphasizes the importance of having a DMP for this species.

The Regional Headquarters in Moncton with the Project Authority (Josiane) and the key points of contact have already provided Lansdowne with important insight and documentation to help Lansdowne gain an appreciation of the background to gain the required knowledge that will help in the development of options later in the study. The Area Offices will also be key in

helping to understand the perspectives, issues and recommendations in each of the three provinces.

Valuable input will be sought from the DMCs. The Lansdowne bid included the possibility of visiting ports, lobster pounds/processors and individual fishers. However, DFO indicated that ports and fishers were not the focus for this study, but may be in the future. DFO assesses the necessary information can be obtained from Regional HQ/Area Offices/DMCs for this stage of the study. The bid also mentioned the possibility of gathering information/perspective from S/SW Nova Scotia, but this area is outside the scope of this study.

Lansdowne will follow a phased approach. Information will be gathered (Phase I) and then further developed with on-site visits throughout the Gulf Region (Phase II). This will be followed by analysis, option development, and selection of a preferred option considering associated costs (Phase III). A draft report will be prepared and circulated for comment/feedback before being finalized and submitted to DFO (Phase IV). The final report will address the requirements outlined in the listing of tasks in the Description of Work Annex A Statement of Work. Lonnie will also provide bi-weekly reports to Josiane on the progress of the project and a formal written monthly report to ensure tracking of activities and deliverable scheduled are met.

Schedule

The proposed new schedule has the following milestones, which reflects the contract acceptance date and an acceptable timeline to achieve the requirements of the study:

End of Phase I (Read-In/Gathering of Information) – 10 March

End of Phase II (On-Site Visits) – 29 March

Tentative Visit Schedule subject to availability in each area and can be lengthened/shortened as deemed necessary:

Regional HQ – 12-13 March

Tracadie/NB DMCs – 14-16 March

Charlottetown/PEI DMCs – 19-21 March

Antigonish/NS DMCs – 22-23 March

End of Phase III (Analysis and Option Development) – 19 April

Finalized Draft Circulated for Review/Comments – 26 April

End of Phase IV (Final Report Submitted) – 31 May

Progress Reports

Possible subject areas for report are included below. This format will be adjusted to meet Josiane's specific requirements:

- Where we are in the schedule
- Issues/Concerns/Challenges
- Questions
- Overall Assessment/Summary

Although the date for the draft report is 26 April, Lansdowne will work to develop a report outline by end March. Lansdowne will also develop a PowerPoint presentation for inclusion with the final report.

Original signed by:

Josiane Massiera
1 March 2018

Original signed by:

Lonnie McNeill
1 March 2018

Annex B – References

1. Integrated Fisheries Management Plan – Lobster in the Southern Gulf of St. Lawrence (<http://www.glf.dfo-mpo.gc.ca/Gulf/FAM/IMFP/2014-Lobster-Gulf-Region>)
2. REPORT 2 - Sustaining Canada's Major Fish Stocks - Fisheries and Oceans Canada from the Fall 2016 Reports of the Commissioner of the Environment and Sustainable Development
3. National Dockside Monitoring Program Policy and Procedures
4. Lobster Fishery Economic Summary – Gulf Region 2017
5. Update of the Stock Status Indicators for the American Lobster (*Homarus Americanus*) Stocks in the Southern Gulf of St. Lawrence - Canadian Science Advisory Secretariat Science Response 2016/051
6. Atlantic States Marine Fisheries Commission - American Lobster Benchmark Stock Assessment and Peer Review Report (Accepted for Management Use August 2015) (http://www.asmf.org/uploads/file//55d61d73AmLobsterStockAssmt_PeerReviewReport_Aug2015_red2.pdf)
7. Fisheries Act (<http://laws-lois.justice.gc.ca/eng/acts/F-14/FullText.html>)
8. CGSB Qualification Program for Dockside Monitoring Companies
9. Dockside Monitoring Policies and Procedures
10. Atlantic Fisheries Restructuring Act 1985 (<http://laws-lois.justice.gc.ca/PDF/A-14.pdf>)
11. Coastal Fisheries Protection Act 1985 (<http://laws-lois.justice.gc.ca/PDF/C-33.pdf>)
12. Department of Fisheries and Oceans Act 1985 (<http://laws-lois.justice.gc.ca/PDF/F-15.pdf>)
13. Oceans Act 1996 (<http://laws-lois.justice.gc.ca/PDF/O-2.4.pdf>)
14. Strategic Framework for Fishery Monitoring and Catch Reporting Standards in the Pacific Region (http://www.pac.dfo-mpo.gc.ca/fm-gp/docs/framework_monitoring-cadre_surveillance/docs/framework_monitoring-cadre_surveillance-eng.pdf)
15. Standard of the Development of Electronic Logbook Client Applications (<http://www.dfo-mpo.gc.ca/fm-gp/sdc-cps/nir-nei/doc/Client-appl-standard-eng.pdf>)
16. Summary of Fishing Restrictions in Gulf Region 2017 Lobster Licence Conditions
17. Atlantic Fisheries Fund (<http://www.dfo-mpo.gc.ca/fm-gp/initiatives/fish-fund-atlantic-fonds-peche/index-eng.html>)
18. The State of World Fisheries and Aquaculture (<http://www.fao.org/3/a-i5555e.pdf>)

Lapierre, Daniel

From: MacLachlan, Mark
Sent: Friday, May 4, 2018 10:24 AM
To: Massiera, Josiane; Lemay, Gaëlle; Lapierre, Daniel; Rondeau, Amélie; Comeau, Sandra J; Moore, Benjamin; Dwyer, Alan
Cc: LeBlanc, Carole L; Mallet, Pierre
Subject: RE: Draft Report: Lobster Catch monitoring study

No comments from me on the document itself, but want to highlight the need internally to figure out how to address the log/elog gap that was identified/discussed at the end of our last meeting with Lonnie and later that day with the elogs working group.

Happy to participate in any further discussions,

Mark

From: Massiera, Josiane
Sent: May 1, 2018 10:42 AM
To: Lemay, Gaëlle; MacLachlan, Mark; Lapierre, Daniel; Rondeau, Amélie; Comeau, Sandra J; Moore, Benjamin; Dwyer, Alan
Cc: LeBlanc, Carole L; Mallet, Pierre
Subject: FW: Draft Report: Lobster Catch monitoring study

For your comments by May 17.

Thanks,
Josiane

s.19(1)

From: Lonnie McNeill [mailto:]
Sent: May-01-18 7:34 AM
To: Massiera, Josiane
Cc: Peter Johnston
Subject: Draft Report

Good morning Josiane:

Please find subject report for review by you and your team.


You will see that following our Options discussions last week, we changed Option 2 to 5% Monitoring from the original 25-75% and we have dropped Data Entry with Some Monitoring as it was too similar to 5% Monitoring. Then we added a new option which was Delay in Monitoring Until 2020 which had identified earlier as a possible variation.

It may be that the reviewers would place a different weight for the factors, and that can be amended as you see fit.

I know it is not intended to change the format of the log book, but we have have suggested that it would help if all the required information could be on one document.

With one month until the Final Report is due, we will continue to refine the document and incorporate recommendations from you and your colleagues.

Thanks very much,
Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
 (Cell)

s.19(1)

Lapierre, Daniel

From: Lapierre, Daniel
Sent: Friday, May 18, 2018 5:01 PM
To: Massiera, Josiane
Cc: LeBlanc, Carole L; Mallet, Pierre
Subject: RE: Draft Report: Lobster Catch monitoring study

Hi Josiane,

Apologies for the delay, here are a few comments:

- Visits made to the three Area Offices in Tracadie, Antigonish and Charlottetown and with the DMCs in each area. – yet, most of the input comes from DMCs
- A ratio-based approach seem a bit static and may not be the best mean to accurately forecast or assess, rather, the dockside monitoring workload requirements at any given wharf.
- This goal of this task is to review the DMP to identify if the current DMPs have capacity to provide the service and to identify minimum number of fishers needed at each wharf. – capacity is not there, this was known at the onset, more focus should be put on how the department foresees assisting DMCs in building capacity as we cannot expect them to be able to deliver without any clear guidance.
- Several referred to the fall herring model where the buyer calls the DMC with the arrival time of the first boat and expected total number of boats and the DMC sends the required number of observers to the port. All options would have to be carefully reviewed to avoid any negative impact to the integrity and delivery of the DMP, all elements should be factored in before any decision is made in this regard;
- With the expectation that an electronic log (ELOG) will soon be introduced, it may be that hail-ins will become redundant. –clarifications would be required, not sure what this means...
- In summary, it was identified that the current DMP does not have the capacity to provide monitoring service for the lobster fishery and would need some augmentation to meet this requirement – from what I gathered, it is obvious that DFO would require more due diligence from DMCs, companies must have a better understanding of this entails by mapping out their current business processes, have real sense of what their current capacity is to implement necessary changes and propose a more robust approach to manage such an increase in activities. What is proposed with DMP implementation in lobster fishery is basically asking a company to drastically expand its activities, DMCs in Gulf should even be prepared to absorb other companies if necessary.

Daniel Lapierre

Catch Monitoring Program Coordinator – Conservation and Protection branch
Fisheries and Oceans – Gulf Region/Government of Canada
daniel.lapierre@dfo-mpo.gc.ca / Tel: 506-851-6214 / Cell: 506- [REDACTED] / Fax: 506-851-2504

s.16(2)(c)

Coordonnateur, Programmes de surveillance – Division de la Conservation et Protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
daniel.lapierre@dfo-mpo.gc.ca / Tél: 506-851-6214 / Mobile: 506- [REDACTED] / Télécopieur: 506-851-2504

From: Massiera, Josiane

Sent: Tuesday, May 1, 2018 10:42 AM

To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; MacLachlan, Mark <Mark.Maclachlan@dfo-mpo.gc.ca>; Lapierre, Daniel <Daniel.Lapierre@dfo-mpo.gc.ca>; Rondeau, Amélie <Amelie.Rondeau@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Moore, Benjamin <Benjamin.Moore@dfo-mpo.gc.ca>; Dwyer, Alan <Alan.Dwyer@dfo-mpo.gc.ca>

Cc: LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>; Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>

Subject: FW: Draft Report: Lobster Catch monitoring study

For your comments by May 17.
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Josiane

s.19(1)

From: Lonnie McNeill [mailto: [REDACTED]]

Sent: May-01-18 7:34 AM

To: Massiera, Josiane

Cc: Peter Johnston

Subject: Draft Report

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With one month until the Final Report is due, we will continue to refine the document and incorporate recommendations from you and your colleagues.

Thanks very much,
Lonnie

s.19(1)

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
 (Cell)

Lapierre, Daniel

From: Massiera, Josiane
Sent: Friday, June 15, 2018 2:32 PM
To: Lapierre, Daniel
Subject: Lobster Catch Monitoring Final RÈport

Bonjour Daniel,

Lonnie a ajouté une option (6) dans le rapport finale suite à ses discussions avec les associations. J'ai fait ce commentaire, est-ce que je suis correcte de dire ça?

Option 6 – Use of ELOG with Random Checks by Compliance Officers

This option, suggested by one of the associations, involves the use of ELOG to record and transfer fishery information in real-time and conduct random checks to ensure compliance/accuracy. This could include higher penalties for infractions, up to and including loss of licence.[JM1]

Advantages:

- ELOG, once configured to capture required fishery information and fully implemented, will provide required data in real time;
- Does not affect efficiency of offloading; and
- Takes away requirement for paper log book.

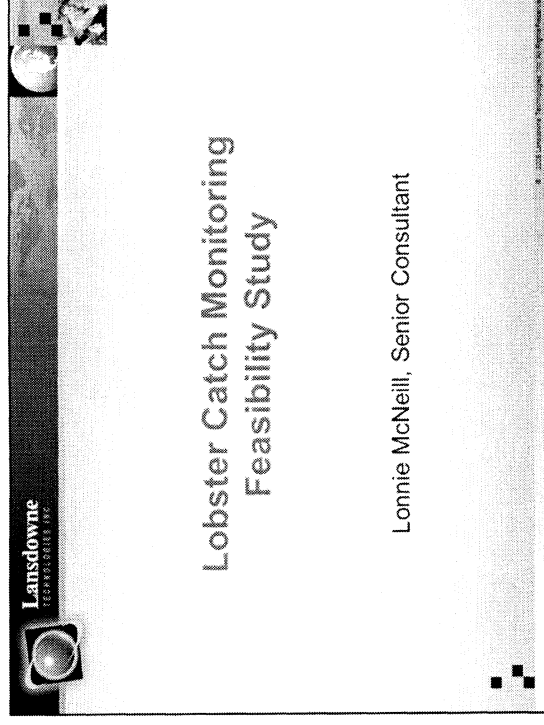
Disadvantages

- Except for the random checks, does not provide independent third-party verification;
- Potential increased costs to expedite implementation of ELOG; and
- There may be delays as DFO information systems are adapted for ELOG.

Pages 317 to / à 395

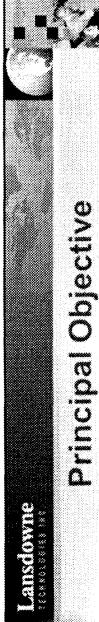

are duplicates

sont des duplicatas



This presentation describes the work and findings of Lansdowne Technologies Inc. (LTI) in conducting a feasibility study to develop an implementation plan for reliable, timely and accessible fisheries information and catch monitoring in the Gulf Region Lobster Fishery (in accordance with Contract F52111-170559 for Fisheries and Oceans Canada).

The contract was awarded late February 2018 and the final report was accepted by DFO in June 2018.



**Lansdowne
TECHNOLOGIES INC.**

Principal Objective

Develop a Feasibility Study/Provide An Implementation Plan for Catch Monitoring in the Gulf Region Lobster Fishery to:

- Improve the Quality and Reliability of Landing Data
- Enhance the Lobster Stock Science Assessment
- Enhance DFO's Ability to Make Informed Fisheries Management Decisions for a Sustainable Fishery

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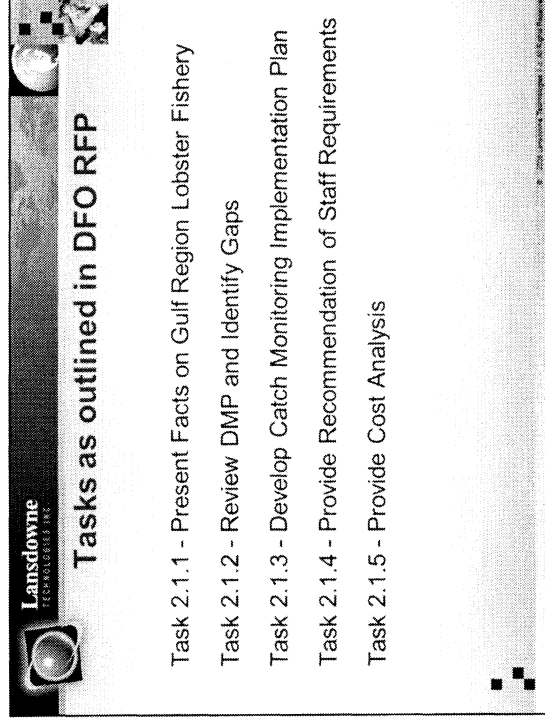
This slide outlines the objective that was stated in the initial bid solicitation and in the resulting contract.

Slide 2

DA6

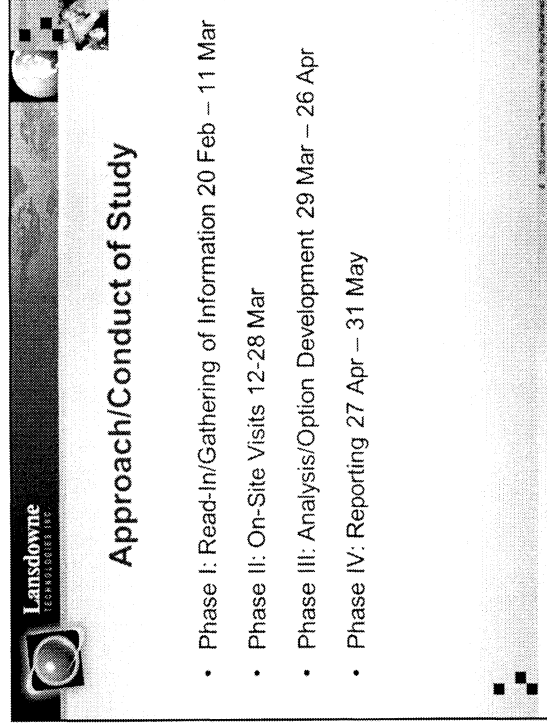
Catch Monitoring can be completed in various ways, but this feasibility study was conducted specifically looking at using the Dockside Monitoring Program. It may be best to be more clear and call it "Dockside Monitoring" rather than "Catch Monitoring"

Dwyer, Alan, 20/11/2018




The Statement of Work in the Contract identified five principal tasks to be completed. These tasks were:

- Present facts on the Gulf Region lobster fishing industry;
- Review the current Dockside Monitoring Program (DMP) and identify the gaps to proceed with lobster catch monitoring;
- Develop an implementation plan that will ensure that the lobster Catch Monitoring data system includes data that will be entered in the DFO informatics system: Gulf Fishery Information System (GFIS);
- Provide recommendation of staffing requirements; and
- Provide a cost analysis.




This study was conducted using a phased approach to gain an understanding of the current situation in the Gulf Region lobster fishery while seeking recommendations and the perspective from key DFO personnel and the DMCs and to develop a potential implementation plan for fishery monitoring and catch reporting to be discussed with stakeholders. The four phases are as depicted on this slide.

The fishermen's associations received a notice of the study in February and although not part of the original scope, it was decided by DFO to meet with them to seek the perspective of the fishers, understanding that there would be continued dialogue among all the stakeholders following completion of the study report and a final decision by DFO.




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2016 Facts



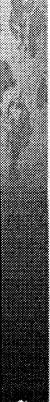

AREA	PEI	ENB	GNS	TOTAL
# of LICENSES	1,274	1,105	584	2,963
# of TRIPS	59,176	35,899	24,890	119,955
# of WHARVES	64	54	49	167
AVG # TRIPS PER WHARF	925	665	508	718

LFA	23	24	25	26A	26B	TOTAL
# of LICENSES	679	683	647	736	218	2,963
# of TRIPS	21,869	31,043	25,173	32,424	9,446	119,955
# of WHARVES	31	29	39	52	18	167
AVG # TRIPS PER WHARF	705	1,070	645	624	525	718





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2016 data was used for this study. At the time of the study, this information was still subject to a forthcoming audit, but was considered sufficiently accurate for analysis.



Analysis of Facts

- PEI accounts for 43% of licenses and 49.3% of trips
- ENB accounts for 37.3% of licenses and 29.9% of trips
- GNS accounts for 19.7% of licenses and 20.8% of trips
- 48 busiest ports see over 76% of total trips in the Gulf Region





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Dockside Monitoring Program – Gaps

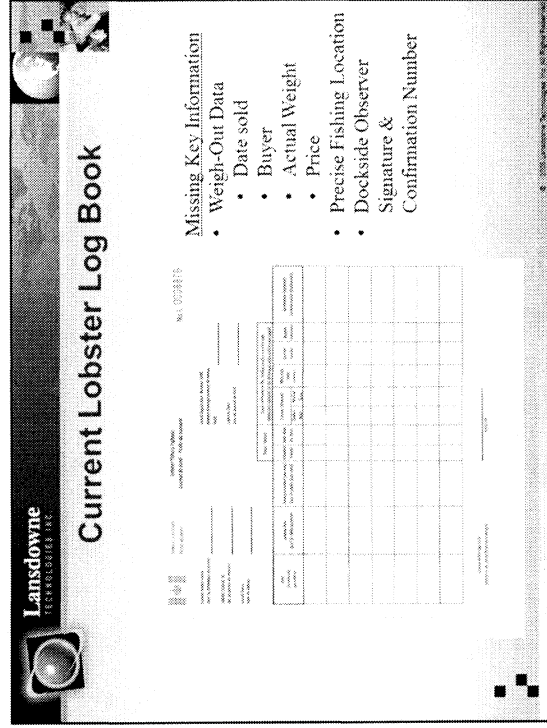
- Using number of buying stations as an approximate guide to determine number of observers needed for 100% monitoring:
 - Prince Edward Island - 91 spring/22 summer/fall
 - New Brunswick - 62 spring/44 summer/fall
 - Nova Scotia - 78 spring/4 summer/fall
- **Total – 231 spring/70 summer/fall**

The second task was to **Review the current Dockside Monitoring Program and identify the gaps to proceed with lobster catch monitoring**. Certainly, it was recognized from the outset that the DMCs do not currently have sufficient dockside observers to meet the demand should the decision be made to proceed with 100% coverage for approximately 120,000 trips. Through the course of the study, it was generally agreed by the DMCs, the fishers and DFO staff that observers would likely be required at each buying station, particularly during the busy periods when a large number of vessels are arriving to offload their catch. Accordingly, it was assessed that 231/70 observers would be need for the spring and summer/fall fisheries respectively.

Recognizing that these numbers are an estimate that don't take into account fluctuations in the demand on a given day, or the efficiencies that would be developed over time, a 10% margin of error was introduced. As a result, the estimated number of observers required for 100% catch monitoring for the Gulf Region is assessed to be approximately 210-250 for the spring season and 60-80 for the summer/fall season depending on the location.

Slide 7

- DA3 As discussed, probably best to change the word observers to monitors throughout the deck.
Dwyer, Alan, 20/11/2018



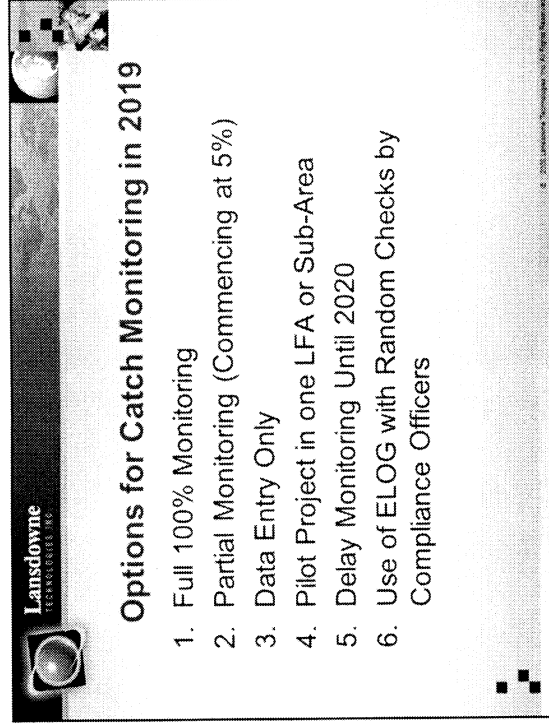
Apart from the personnel requirements for the DMCs, it was observed that the current lobster log book does not provide the necessary information required to be entered into GFIS. If the log book was modified to ensure the missing information was captured on one document, the process would be more streamlined and efficient.

Slide 8

DA8

I understand the elog data elements are approved so that software can be prepared by companies to make logs for the 2019 season. We should verify what data will be missing from the elog as well as what was missing from the paper logbook. Maybe it's the same, I'm unsure, but it should be noted.

Dwyer, Alan. 20/11/2018



The third task was to **Develop an implementation plan that will ensure that the lobster Catch Monitoring data system includes data that will be entered in the DFO informatics system: Gulf Fishery Information System (GFIS), which is Oracle base for now. Six options were considered.**




Slide 9

DA2 I don't see any reference to timelines (years) in the previous slides, but I'm assuming that Lonnie will speak to that. Should we look at ordering these a bit differently to move from least to greatest so as to reduce noise from industry ? I thought that industry is expecting number 6 to occur in 2019?

Dwyer, Alan, 19/11/2018

DA9 6, 3, 4, 2, 1, 5

Dwyer, Alan, 20/11/2018



Option 1 - Full 100% Monitoring

- **Advantages**
 - Supports recognition of requirement for catch monitoring by DMCs and DFO
 - There are no discrepancies in information - fishers/buyers throughout the region are operating under the same conditions
 - Increased employment opportunities in each province
 - Help identify trends, challenges and problems quickly
 - Potential to reach desired end state of sustainable lobster fishery more quickly
- **Disadvantages**
 - Risk that DMCs do not have time to develop new business model, potentially overwhelming DMCs in hiring/training/deploying sufficient observers to handle the increased workload
 - No backup if the DMCs fall short in recruitment
 - Greater potential for delays offloading the catch, thereby causing dissatisfaction among buyers/fishers

As indicated, this option calls for full dockside monitoring services in every port where lobster is landed with accompanying data entry.

Slide 10

DA4

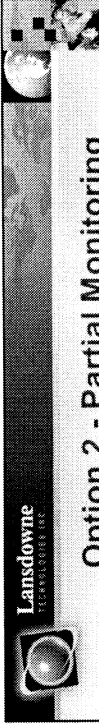

As mentioned, I would remove "DMCs" here as they actually do not require the catch monitoring.

Dwyer, Alan, 20/11/2018

DA5

While this is true, industry may see it coming at their expense and may not consider it an advantage. Regardless, good to note.

Dwyer, Alan, 20/11/2018



Option 2 - Partial Monitoring (Commencing at 10%)

- **Advantages**
 - DMCs can develop new business model
 - DMCs don't need to hire/train/deploy as many observers at once
 - Ease toward achieving desired end state
 - Greater flexibility to move observers around to get the required coverage
 - Decreases the risk of failure
 - Decreases the likelihood of having delays in offloading and causing dissatisfaction among buyers/fishers
- **Disadvantages**
 - Higher likelihood of having missing/inaccurate catch data until full implementation is realized
 - Incomplete information on catches could potentially impact analysis



In this option, the DMCs commence dockside monitoring at an initial level of 10%. Consideration for this modest start was a stepped approach would provide a better chance for success and set the stage for phasing increased monitoring levels in subsequent years as capability and funding would support.

Slide 11

DA12

As discussed, we should be consistent with the % coverage noted throughout the deck for partial coverage.

Dwyer, Alan, 20/11/2018

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Option 3 - Data Entry Only

- Advantages
 - Provides greater lead time for DMCs to prepare for full catch monitoring
 - DMCs/fishers/buyers can establish a working relationship in dealing with the log entries
 - DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year
 - Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations
- Disadvantages
 - No verification of what is being caught for first year
 - Could adversely affect current arrangements in Statistics for part time data entry staff
 - Greater likelihood of having missing/inaccurate catch data







In this option, the DMCs do not provide dockside monitoring and use the fishers log book sheets to enter the landing data into GFIS.

Slide 12

DA14

The DMCs are already doing this in the Maritimes Region.


Dwyer, Alan, 20/11/2018



Option 4 - Pilot Project in one LFA or Sub-Area

- Advantages
 - Allows testing of implementation plan on a smaller scale to provide lessons learned for smoother transition/implementation in the rest of the region
 - Reduced cost
 - Allow DFO resources to focus on one area
- Disadvantages
 - May not be well received in the area selected for the trial
 - Will be challenging for DMCs in selected area
 - Delays overall implementation
 - Would require a different log book; as a result, two different logs could be in use in the Gulf Region if the other areas do not use new log book

In this option, only one area would be involved in dockside monitoring. The scope of the pilot project could be further reduced to a small number of ports in one LFA or each LFA throughout the Gulf Region.





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Option 5 - Delay Monitoring Until 2020


- **Advantages**
 - Provides greater lead time for DMCs to prepare for full catch monitoring
 - DMCs/fishers/buyers can establish a working relationship in dealing with the log entries
 - DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year
 - Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations
- **Disadvantages**
 - No verification of what is being caught for first year
 - Continued likelihood of having missing/inaccurate catch data

A possible variation would be to choose one of the five options but begin implementation in 2020 instead of 2019 to enable a longer lead time for preparation/consultation with stakeholders. A component of this option could include allocating funding to the DMCs to go to each port where they expect to provide services, observe the offloading of lobster, liaise with the fishers and buyers and gain a detailed understanding of the impact dockside monitoring will have on their businesses and how to best meet the challenges of the implementation.





Option 6 - Use of ELOG with random checks by Compliance Officers

- **Advantages**
 - ELOG, once configured to capture required fishery information and fully implemented, will provide required data in real time
 - Does not affect efficiency of offloading
 - Takes away requirement for paper log book
- **Disadvantages**
 - Except for the random checks, does not provide independent third-party verification
 - Potential increased costs to expedite implementation of ELOG
 - There may be delays as DFO information systems are adapted for ELOG




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This option involves the use of ELOG to record and transfer fishery information in real-time and conduct random checks to ensure compliance/accuracy.



DMC Staffing Requirements

- Current Dockside Observers
 - 90-100
- Anticipated Dockside Observers
 - 210-250 for the spring season
 - 60-80 for the summer/fall season
- Data Entry
 - Approximately 10
 - One or two people per DMC

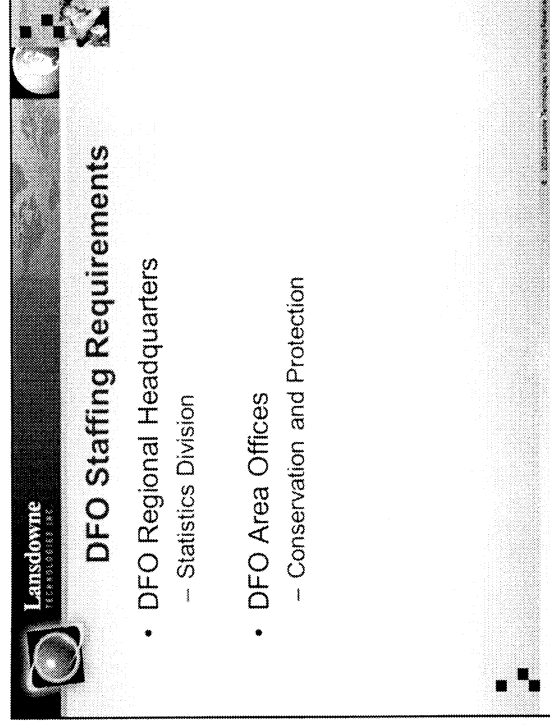


As noted earlier in the presentation, the biggest impact for the DMCs will be the significant increase in the number of dockside observers.

Currently, the DMCs employ approximately 90-100 dockside observers in the Gulf Region. Hence, to achieve 100% catch monitoring, it would be a significant increase requiring hiring new observers. While some of the companies are already very busy during the lobster season with no surplus, others would be able to use some of their current staff to help handle the increased demand. There is the possibility to hire college/university students for the Spring season, but these candidates would not likely be available for the Summer/Fall season due to academic commitments. Nevertheless, if sufficient observers are found for the Spring season, it is possible that there would be sufficient numbers to manage the reduced requirement in the Summer/Fall.

Current observers, who are not working or are not busy during the lobster season, could also benefit from this opportunity, and there will be some situations where an observer who is monitoring the landing of other species could also be able to monitor lobster at the same port, particularly if the same buyer is involved.

If DMCs become responsible for all of the associated data entry tasks, each DMC would likely need one or two people for those requirements as well.



As noted in the report, the implementation of catch monitoring in the lobster fishery is suspected to have the most significant effect on the Statistics Division for data entry and management. The current process for data entry of lobster catch information is time-consuming and accounts for a significant amount of the workload in Statistics for data entry. When the lobster fishery reaches end state regarding catch monitoring, it is likely that the Statistics Division will spend very little or no time on data entry, but be able to focus on data management and analysis. Nevertheless, until that point is reached, the staff will continue to be occupied with manual data entry, as well as work in upgrading the system.

For the Area Offices, the implementation of lobster catch monitoring will likely see increased surveillance requirements or possibly a higher demand for investigations which could result in either a shift in focus from other species to lobster, or a possible requirement for additional staff in Conservation & Protection to handle the workload.

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DFO Cost Estimates for 2001 Pilot Project

Lobster Fishing Area	23	24	25	26A	26B
Number of Fishers	722	614	793	749	251
Number of Trips*	37,984	31,556	30,235	36,071	11,790
Avg # of Landings per Season	54	50	36	48	49
Cost for Weight Verification	\$540.00	\$500.00	\$360.00	\$480.00	\$490.00
Cost for Fisher for Data Entry	\$18.00	\$17.00	\$15.00	\$16.00	\$17.00
Total Cost per Fisher	\$558.00	\$517.00	\$375.00	\$496.00	\$517.00
Cost to Buyer per Fisher	\$540.00	\$500.00	\$360.00	\$480.00	\$490.00
Total Cost - Fishers and Buyers	\$1,098.00	\$1,017.00	\$735.00	\$976.00	\$997.00
Total Cost	\$792,756.00	\$624,438.00	\$582,855.00	\$731,024.00	\$250,247.00

* Based on 2001 Data

The fifth task was to **provide a Cost Analysis**. The goal of this task was to review a shared cost model in relation to industry led costs to provide a detailed implementation plan including phased-in options, and milestones.

As a starting point, used a DFO estimate for a dockside monitoring pilot project for 2003. The overall estimated cost was approximately \$3 million or approximately 1.4% of the value of landings (\$209 million in 2001 dollars).



The figures in the Table on this slide assumed a cost of \$20.00 per trip shared between the fishers and the buyers and a cost of \$15.00 to \$18.00 per fisher for data entry.

Slide 18

DA11

This slide to be removed as discussed.

Dwyer, Alan, 20/11/2018



<div> Lansdowne TECHNOLOGIES INC.</div> <div></div> <div><h2>Estimated Costs</h2></div>			
Year	Data Entry	Monitoring	Total Program Cost
2019	\$570,000	10% - \$420,000 - \$540,000	\$960,000 - \$1,080,000
2020	\$540,000	25% - \$1,050,000 - \$1,350,000	\$1,500,000 - \$1,800,000
2021	\$450,000	50% - \$2,100,000 - \$2,700,000	\$2,400,000 - \$3,000,000
2022	\$150,000	75% - \$3,150,000 - \$4,050,000	\$3,300,000 - \$4,200,000
2023		100% - \$3,600,000 - \$4,800,000	\$3,600,000 - \$4,800,000
Cost per trip estimated at \$30-\$40			

Considering inflation between 2001 and 2018 (134.4%), today's equivalent cost would be approximately \$34.00 per trip. This figure was approximately the same amount indicated for other species in anecdotal discussions with some of the DMCs. As it is understood that specific price arrangements will be resolved among the DMCs and their clients in each area, this analysis was conducted using a price of \$30-\$40 per trip for 120,000 trips, which includes approximately \$600,000 for data entry. The total number of landings is based on the 2016 number of 119,955 rounded up to simplify the analysis. The data entry estimate is based on approximately 20,000 hours of work as depicted in Table 16, which equates to \$5.00 per trip. If DMCs were to provide data entry services only, the cost was estimated to be approximately \$600,000.

Slide 20

DA1 Dwyer, Alan, 19/11/2018



DA10 Dockside
Dwyer, Alan, 20/11/2018



Lansdowne Technologies Inc.

(613) 236-3333

www.lansdowne.com



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Girvan, Philip

From: Dwyer, Alan
Sent: February 24, 2019 9:37 PM
To: Girvan, Philip
Subject: FW: Lobster Dockside Monitoring Update

From: Moore, Benjamin <Benjamin.Moore@dfo-mpo.gc.ca>
Sent: Thursday, February 14, 2019 9:58 AM
To: Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>; Dwyer, Alan <Alan.Dwyer@dfo-mpo.gc.ca>; LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>
Cc: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>; Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>
Subject: RE: Lobster Dockside Monitoring Update

I agree with Alan and Sandra. C+P should be there the first couple of weeks in case any of the decide they do not want to cooperate with the monitors or COLs. DMC's should also be reminded that if fishers are not willing to cooperate an incident report should be submitted right away.

Thanks,
Ben

From: Comeau, Sandra J
Sent: February-13-19 2:44 PM
To: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>; Dwyer, Alan <Alan.Dwyer@dfo-mpo.gc.ca>; LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>
Cc: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>; Moore, Benjamin <Benjamin.Moore@dfo-mpo.gc.ca>; Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>
Subject: Re: Lobster Dockside Monitoring Update

Looks good to me. Maybe to add a bit to Alan's point that it would be good to have a coordinated or collaborative approach between monitors and C&P officers to facilitate the transaction with fish harvesters at the wharves at least for the first weeks.

Thanks Josiane.

Sandra

Get [Outlook for iOS](#)

On Wed, Feb 13, 2019 at 2:25 PM -0400, "Massiera, Josiane" <Josiane.Massiera@dfo-mpo.gc.ca> wrote:

Good point added below. Thanks

From: Dwyer, Alan
Sent: February-13-19 2:04 PM
To: Massiera, Josiane; LeBlanc, Carole L

Cc: Dupuis, Monique; Comeau, Sandra J; Moore, Benjamin; Lemay, Gaëlle

Subject: RE: Lobster Dockside Monitoring Update

Hi Josiane,

Not sure if you wanted it mentioned in the summary or not, but an important point will be that the COL will have to be amended to require fishers to provide logs and allow catches weighed when approached by DMP. Based on comments I have heard from industry about the possibility of DMP in my area, there will be strong opposition from industry and they will not want to cooperate. This will likely increase workload for C&P.

Alan

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>

Sent: Wednesday, February 13, 2019 1:09 PM

To: LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>

Cc: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Dwyer, Alan <Alan.Dwyer@dfo-mpo.gc.ca>; Moore, Benjamin <Benjamin.Moore@dfo-mpo.gc.ca>; Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>

Subject: Lobster Dockside Monitoring Update

Summary requested by Marc to discuss with Frank and RDG...If any of you wants to add something, please feel free.

Carole, feel free to remove some parts if it's too much details...

- A 2016 Report of the Commissioner of the Environment and Sustainable Development found that DFO was missing key information needed to manage Canada's public resources sustainably, including gaps in catch data and catch monitoring. Fishery monitoring and catch reporting is also consistent with general Marine Stewardship Council's (MSC) requirements (Lobster fisheries in the Gulf Region received the MSC certification).
- A feasibility study to develop an implementation plan for reliable, timely and accessible lobster catch information in the Gulf Region was conducted by a Consultant company (Lansdowne Technologies Inc.) from February to May 31, 2018. The fish harvesters' associations received notice of the study in February and teleconference and/or meetings took place with GNS fisheries representatives, PEIFA and the MFU for initial discussion (none with the processors).
- The study findings was presented by the consultant at the sGSL Lobster Advisory Committee held on December 4-5, 2018. Six options were presented: 1. Use of ELOG with Random Checks by Compliance Officers; 2. Data Entry Only; 3. Pilot Project in one LFA or Sub-Area; 4. Partial Monitoring (Commencing at 10%); 5. Full 100% Monitoring 6. Delay Monitoring Until 2020
- The majority of Fish harvesters' representatives were not in favor of implementing Dockside Monitoring for lobster, did not favor any options and several mentioned that if a Dockside Monitoring Program (DMP) is implemented in Lobster it should be done across the Regions, especially in Maritimes Region. Several also favored to start with e-Logs, which will be implemented in 2019 on a voluntary basis. Processors are supportive of implementing Dockside Monitoring for lobster.
- The current DMP cannot sustain a full 100% DMP in Lobster at this time with the current Dockside Monitoring Companies operations because of the size of the fishery; a phase-in approach is the only feasible option.
- We are exploring the option of implementing a Lobster Dockside Monitoring Audits/Spot Checks. In coordination with the C&P DMP coordinator and the area offices, we talked to each of the 6 DMCs

(separately) to ask about the possibility for such a project in 2019. To date, all 6 companies think it is feasible. The DMCs are aware that this project is contingent of funding and approval.

- For 2019, the project is proposing to have random spot verification/audit of catch (around 10 trips per DMC per day) with no hail-in. The dockside observer will show up at a port randomly. We will provide the list of ports that each DMC needs to cover. Note that further analysis is needed for PEI, as both companies are covering around 60% of the same ports.
- DFO will have a contract with each DMC and pay for the DMC service that will include travel for the DMC observer (bulk of the cost) and specific tasks. The estimated costs requested to NHQ for this project is \$250,000. We are currently in the process of receiving quotes from the DMCs on the specific costs.
- The tasks will include: Dockside observer travel to one or two ports per day (random), asking the fish harvesters for a copy of the logbook/Elog to write down on the existing Weigh out form the logbook/ELog # and catch estimate recorded by the fish harvesters and then record the actual catch (sales and personal use) at the buyer's station (as well to write the buyer's slip #). The only administrative part requested by DMCs' offices will be to scan the Weigh out forms and send it to DFO (the original will also be sent to DFO at the end of the season). No data entry will be required by the DMC for 2019.
- DFO will need to hire someone to enter the information either in an Excel sheet or directly in GFIS/DMP reports and flag any big discrepancy between the estimates and actuals. Note that if we want to eventually replace the buyers slips data currently entered by Stats in GFIS by the actual landings recorded by the dockside observer, it will require some additional work from Stats staff for 2019.
- DFO will also need to amend the COL to require fishers to provide logs and allow catches weighed when approached by a Dockside Monitor. Considering the opposition from industry for Dockside monitoring, This will likely increase workload for C&P; especially at the beginning of the season.
- Area of concerns will dictate where additional efforts should be placed in the future.

Josiane

Girvan, Philip

From: Dwyer, Alan
Sent: February 24, 2019 9:35 PM
To: Girvan, Philip
Subject: FW: Gulf CR funding proposal 2019-2020-2.xlsx
Attachments: Copy of Gulf CR funding proposal 2019-2020-2.xlsx

From: Dwyer, Alan
Sent: Thursday, January 10, 2019 9:26 AM
To: LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>
Subject: RE: Gulf CR funding proposal 2019-2020-2.xlsx

Hi Carole,

A couple of comments for your consideration.

Alan

From: LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>
Sent: Thursday, January 10, 2019 8:00 AM
To: Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Moore, Benjamin <Benjamin.Moore@dfo-mpo.gc.ca>; Dwyer, Alan <Alan.Dwyer@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>; Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>; Leger, Sylvie <Sylvie.Leger@dfo-mpo.gc.ca>; King, Coralli <Coralli.King@dfo-mpo.gc.ca>; Butruille, Frédéric <Frederic.Butruille@dfo-mpo.gc.ca>; Belliveau, Ron <Ron.Belliveau@dfo-mpo.gc.ca>
Subject: Fw: Gulf CR funding proposal 2019-2020-2.xlsx

Hello, please see attached the latest version for catch monitoring project. It needs to be approved by the RD tomorrow and submitted to NHQ. We have a meeting today on the lobster DMP which will help us determine the amount to request for next fiscal. Please provide any final comments.

Thanks

Carole

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>
Sent: Monday, January 7, 2019 9:46 AM
To: LeBlanc, Carole L
Subject: Gulf CR funding proposal 2019-2020-2.xlsx

Voici la liste des projets que j'ai reçu pour le CR funding, pour le projet homard DMP j'ai pas mis a jour la demande, puisque je sais pas les prochaines étapes.

Merci

Instructions for Filling in the Costing Template
Only the <i>Proposals</i> tab should be completed.
- Please include the contact for the proposed project(s). In the template for each project, fill in all the information requested
- When completing the " <i>How the Proposal Meets the Selection Criteria</i> " portion of the form, please refer to the project criteria
- A list of project themes can be found on the "Themes" tab with examples of projects for each theme.

Instructions pour remplir le modèle d'établissement des coûts
Seul l'onglet Propositions devrait être complété.
- Veuillez inclure le contact pour le (s) projet (s) proposé (s)
- Lorsque vous remplissez la section «Comment la proposition répond aux critères de sélection» du formulaire, veuillez vous reporter aux critères du projet
- Dans le modèle pour chaque projet, remplissez toutes les informations demandées
- Une liste de thèmes de projets peut être lue sur l'onglet "Thèmes" avec des exemples de projets pour chaque thème

Pages 431 to / à 435
are not relevant
sont non pertinentes

s.21(1)(a)
s.21(1)(b)

How the Proposal Meets the Selection Criteria:	The project can be applied to multiple recreational species. The log /journal application fits under the following project category/theme: Piloting Electronic Reporting Technologies Project will encourage buy-in to improve catch reporting and monitoring. Project will create cost efficiencies, i.e., deliver similar or better outcomes at a lower cost. Project is innovative and will help improve fishery monitoring in new ways, separate from the adoption of new technologies Testing new method of reporting that could increase knowledge of the actual removal from a user group (rec. anglers).	
	Key Fishery/Fisheries:	Striped Bass (Multi-species)
	Year 3 - Deliverable 1 Budget:	
	Year 3 - Deliverable 2 Budget:	
	Year 3 - Deliverable 3 Budget:	
Total Year 3 Amount Requested		
Year 4 Deliverables Proposed Budget:		
Total Proposed Funds		
Proposal 4		
Project Name:	Catch monitoring-Southern Gulf Lobster (LFA 23, 24, 25, 26A and 26B)	

Project Theme:	Dockside Monitoring Program Projects (not covered under Electronic Monitoring section)
Project Category:	#REF!
Project Type:	Fishery Specific (Vertical)
Program Contact:	Carole Leblanc
Project Description (Brief):	<p>Proposal Form</p> <p>The Lobster fishery is one of the most important commercial fisheries in the Gulf Region. Currently, landing data is collected through purchase slips and logbook data which is a lengthy process and in some cases incomplete. To improve the quality and reliability of landing data which will enhance the lobster stock science assessment and DFO's ability to make informed fisheries management decisions, this four year project will focus on implementing catch monitoring in the lobster fishery in a phased-in approach. Landing data will be more timely, accessible and accurate which will enable decision-making with complete and up to date information to help ensure the management of a sustainable fishery. Some of the key challenges of this project are the number of ports (≈ 140) and fish harvesters ($\approx 2,900$) that land lobster in the Gulf Region across numerous coastal communities as well as support from industry. Year 1 focused on a feasibility study to determine the cost and develop a workplan for the following years. Funds received in year one was \$75,000. Notional amounts that will be requested prior to YR 2 and YR 3 are noted below.</p>

How the Proposal Meets the Selection Criteria:	1) The project is identified in the priority list of key fisheries. 2) Consistent with the policy objectives to obtain reliable and timely data from the fishery. 3) Guarantee that proposed YR 1 funds will be spent considering the feasibility study and development of a workplan. 4) Implementing DMP in the lobster fishery is a long-standing priority but by-in by industry was not there in the past and it still not fully supported by industry. 5) Consistent with the increase requirements for monitoring catches with Marine Stewardship Council and Precautionary Approach. The project is also in line with the Gulf Region's vision for the lobster fishery.
Key Fishery/Fisheries:	Gulf Region Lobster Fishery in LFA 23, 24, 25, 26
Year 2 - Deliverable 1	The deliverables will depend on the results of the feasibility study of year 1, but it expected that it would include the implementation of the workplan identified in Year 1 and the communication strategy to engage industry and DMP companies.
Budget:	
Year 2 - Deliverable 2	Identify a LFA where a pilot project could be undertaken in year 3
Budget:	
Year 2 - Deliverable 3	
Budget:	
Total Year 2 Amount Requested	\$75,000.00
Year 3 Deliverables	Implement year 3 of the workplan and conduct a pilot project as per the phased -in approach identified in feasibility study and results of engagement sessions with industry/DMP
Proposed Budget:	
Year 4 Deliverables	
Proposed Budget:	

Total Proposed Funds	\$75,000.00
Proposal 5	
Project Name:	E-DMP
Project Theme:	Dockside Monitoring Program Projects (not covered under Electronic Monitoring section)
Project Category:	Commercial Fisheries and First Nation Sales Fisheries
Project Type:	Cross-Cutting (Horizontal)
Program Contact:	Carole Leblanc
Proposal Form	

	<p>Project Description (Brief):</p> <p>Many fisheries are managed under quota regimes which are established following a rigorous science process. In order to avoid quota overruns and overfishing of a specific stock, fishers are required, under their condition of licence, to land their catch at a designated wharf using dockside monitoring services to record landing data (either 100% DMP or hail catch estimate). Currently, these companies are required to weigh the catch or to record a catch estimate from a fisher and in some cases take samples to determine the catch composition. The data collected is entered manually on a catch document and is sent to the parent DMP Company to be entered in the DFO data base which will be used to monitor a given fishery. This process can take a few days and could lead to mistakes in data entries and to quota overruns. In order to avoid these situations, the proposed four year project will allow DMP employees to enter the landing information directly in the DFO data base to obtain timely and accessible information on a fishery to better manage fisheries. The data would then be verified with logbook information provided by fishers and by DMP Companies before being entered as final in the data base that will also be validated by DFO statistics. The first year of the project focused on a feasibility study to determine which fishery should be used to undertake a pilot project and to determine the cost associated with implementing this initiative. The project is proposed for up to 4 years. Proposed funds required for year 2 deliverables are listed below. Notional amounts that will be requested prior to YR 3 and YR 4 are noted below.</p>
<p>How the Proposal Meets the Selection Criteria:</p>	<p>The project is identified in the priority list of key fisheries. It is consistent with the policy objectives to obtain reliable and timely data from the fishery to make informed management decisions. The project should not incur additional costs to fishers. The proposed YR 1 funds were spent considering the feasibility study and development of a workplan. Improvements to DMP electronic data transfers in the some fisheries will avoid quota overruns. This is consistent with the increase requirements for better monitoring of catches in some fisheries.</p>
<p>Key Fishery/Fisheries:</p>	<p>Mackerel, Atlantic Halibut, Scallop, groundfish species, snow crab, tuna, shrimp and herring</p>

Pages 441 to / à 446
are not relevant
sont non pertinentes

Project Themes / thèmes du projet		Type of Project / catégorie de projet
4	<p>Lead: Regions</p> <p>Dockside Monitoring Program Projects (not covered under Electronic Monitoring section)</p> <p>-demonstrate proof of concept with willing fleets and service providers</p> <ul style="list-style-type: none"> costs could cover (1) equipment dockside monitoring and reporting ; and (2) costs of data systems needed by DFO to receive, handle and store electronic information (3) workshops on dockside monitoring practises. <p>Example:</p> <ol style="list-style-type: none"> 1) Feasibility study (consultant with service provider): \$15k on DM pilot in Lobster Fishery 2) Independent Monitoring/Verification: <ul style="list-style-type: none"> - Develop and pilot new technologies/methodologies for independent verification of landed catch, at-sea release, and effort (salmon fisheries) <p>Develop new methodologies for independent at sea monitoring/management (roe herring fisheries)</p>	Vertical
5	<p>Lead: Regions</p> <p>At Sea Observer Program Projects (not covered under Electronic Monitoring Section)</p>	Horizontal / Vertical

Pages 448 to / à 458
are not relevant
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Girvan, Philip

From: Dwyer, Alan
Sent: February 24, 2019 9:28 PM
To: Girvan, Philip
Subject: FW: Final Report
Attachments: Lobster Feasibility Study - Final Report .pdf; Deck-Lobster Feasibility Study Final.pdf

From: Dwyer, Alan
Sent: Monday, June 18, 2018 8:51 PM
To: Potter, Ted <Ted.Potter@dfo-mpo.gc.ca>; MacArthur, Barbara <Barbara.MacArthur@dfo-mpo.gc.ca>
Subject: FW: Final Report

FYI

Alan Dwyer

Area Manager, Resource Management, Gulf Nova Scotia / Chef intérimaire de la gestion des ressources, Secteur du Golfe Nouvelle-Écosse
Fisheries and Oceans / Pêches et Océans
Gulf Nova Scotia / Nouvelle Écosse – Golfe
2920, Highway 104 / 2920 route 104
Antigonish County, NS / Comté d'Antigonish (N.-É) B2G 2K6
Telephone / Téléphone: (902) 735-7114
Fax / Télécopieur: (902) 863-5818
E-mail / Courriel: Alan.Dwyer@dfo-mpo.gc.ca

From: Massiera, Josiane
Sent: June-18-18 2:06 PM
To: MacLachlan, Mark; Lemay, Gaëlle; Lapierre, Daniel; Rondeau, Amélie; Comeau, Sandra J; Moore, Benjamin; Dwyer, Alan
Cc: LeBlanc, Carole L; Mallet, Pierre
Subject: FW: Final Report

s.19(1)

Attached is the final report and deck. Thanks to all of you for your contribution. /
Voici le rapport final et la présentation. Merci à tous pour votre contribution.
Josiane

From: Lonnie McNeill [<mailto:>]
Sent: June-18-18 1:43 PM
To: Massiera, Josiane
Cc: Peter Johnston
Subject: Final Report

Hi again Josiane:

I have attached the final report with the changes we discussed this morning. Again, if there is a requirement for any final tweaking, or changes regarding the presentation, please don't hesitate to let me know and I will make the amendments.

Thank you for your support throughout and your keen eye for formatting and preciseness. It was a pleasure for Peter and me to work with you and your colleagues.

s.19(1)

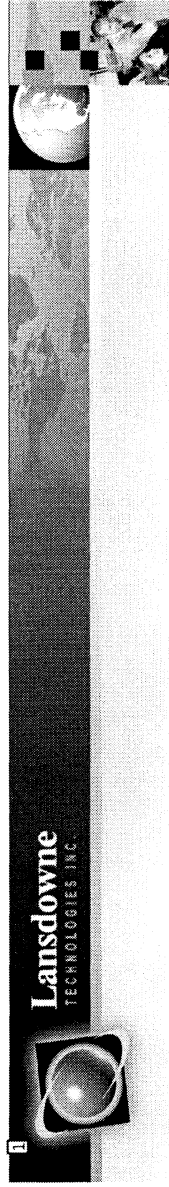
a la prochaine,
Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

Pages 461 to / à 504

are duplicates

sont des duplicatas



Lobster Catch Monitoring Feasibility Study

Lonnie McNeill, Senior Consultant



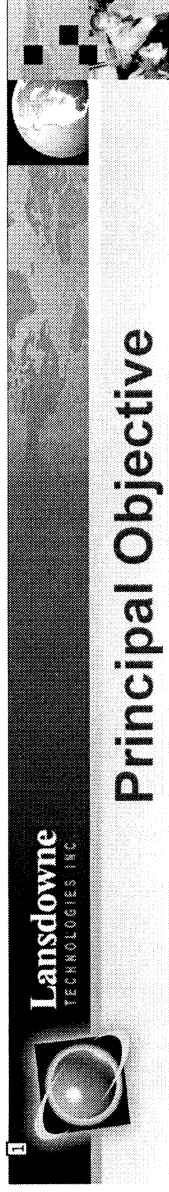
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Summary of Comments on Slide 1

Page: 1

Number: 1	Author: Presenter	Subject: Presentation Notes	Date: 18/06/2018 1:04:15 PM -03:00'
This presentation describes the work and findings of Lansdowne Technologies Inc. (LTI) in conducting a feasibility study to develop an implementation plan for reliable, timely and accessible fisheries information and catch monitoring in the Gulf Region Lobster Fishery (in accordance with Contract F52111-170559 for Fisheries and Oceans Canada).			

The contract was awarded late February 2018 and the final report was accepted by DFO in June 2018.



Principal Objective

The principal objective of the project is:

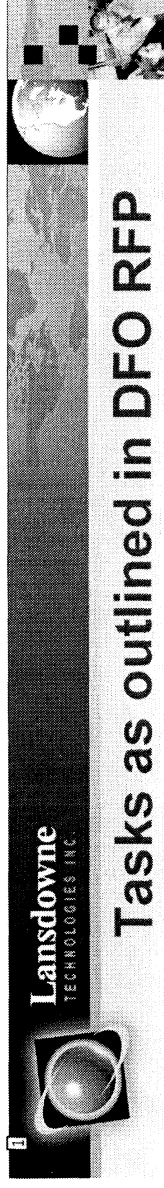
to develop a Feasibility Study and Provide An Implementation Plan for Catch Monitoring in the

Gulf Region Lobster Fishery to:

- Improve the Quality and Reliability of Landing Data
- Enhance the Lobster Stock Science Assessment
- Enhance DFO's Ability to Make Informed Fisheries Management Decisions for a Sustainable Fishery

Page: 2

Number: 1 Author: Presenter Subject: Presentation Notes Date: 18/06/2018 1:04:15 PM -03'00'
This slide outlines the objective that was stated in the initial bid solicitation and in the resulting contract.



Task 2.1.1 - Present Facts on Gulf Region Lobster Fishery

Task 2.1.2 - Review DMP and Identify Gaps

Task 2.1.3 - Develop Catch Monitoring Implementation Plan

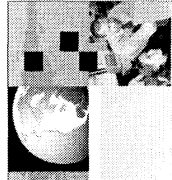

Task 2.1.4 - Provide Recommendation of Staff Requirements

Task 2.1.5 - Provide Cost Analysis



Page: 3


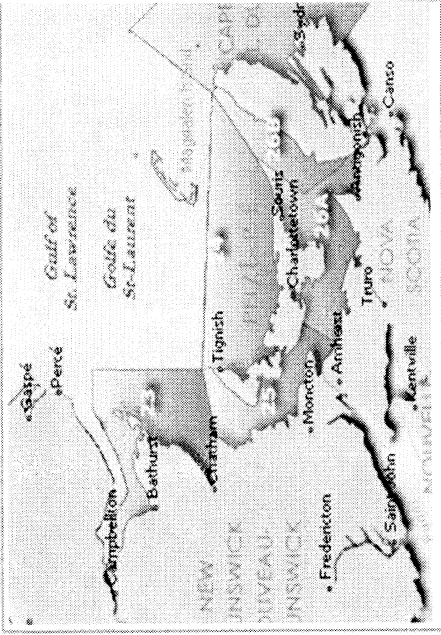
Number: 1	Author: Presenter	Subject: Presentation Notes	Date: 18/06/2018 1:04:15 PM -03'00'
The Statement of Work in the Contract identified five principal tasks to be completed. These tasks were:			
<ul style="list-style-type: none">- Present facts on the Gulf Region lobster fishing industry;- Review the current Dockside Monitoring Program (DMP) and identify the gaps to proceed with lobster catch monitoring;- Develop an implementation plan that will ensure that the lobster catch Monitoring data system includes data that will be entered in the DFO informatics system: Gulf Fishery Information System (GFIS);- Provide recommendation of staffing requirements; and- Provide a cost analysis.			



Project Scope

Gulf Region Lobster Fishery

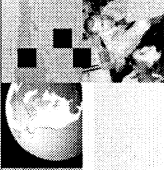
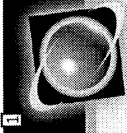
– LFA 23/LFA 24/LFA 25/LFA 26A/LFA 26B



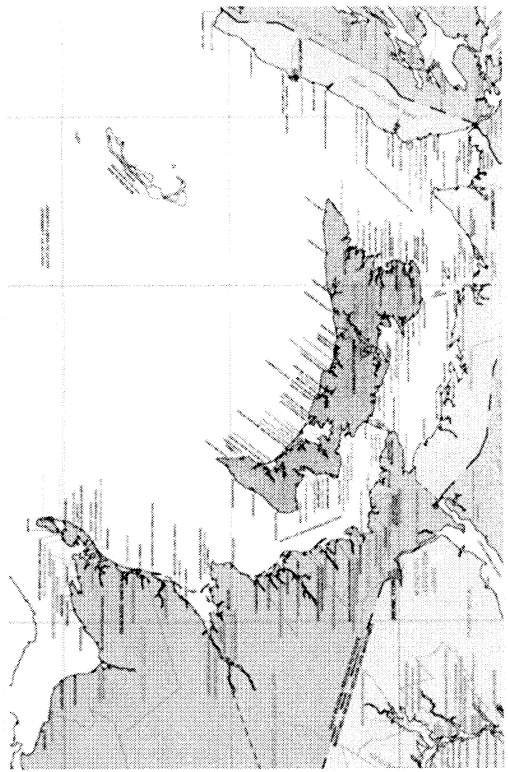
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
Page: 4

Number 1 Author: Presenter Subject: Presentation Notes Date: 18/06/2018 1:04:16 PM -03'00'
The Feasibility Study covered the Gulf Region Lobster Fishery which includes the following LFAs as shown: LFA 23, LFA 24, LFA 25, LFA 26A and
LFA 26B.
The scope included the Regional Headquarters is located in Moncton, NB and the administrative Area Offices in Tracadie NB, Charlottetown PEI
and Antigonish NS.



Project Scope – 125 Ports

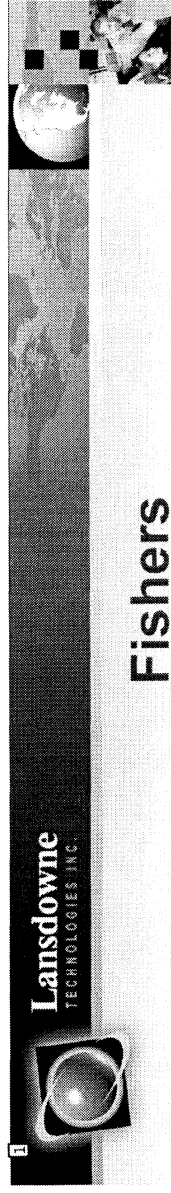




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Page: 5

Number 1	Author: Presenter	Subject: Presentation Notes	Date: 18/06/2018 1:04:16 PM -03'00'
There are over 160 ports listed for the Gulf Region, but in recent years lobster has been landed at about 125 ports. It is understood that the number can fluctuate from year to year and during the season as well depending on changing circumstances and local conditions.			

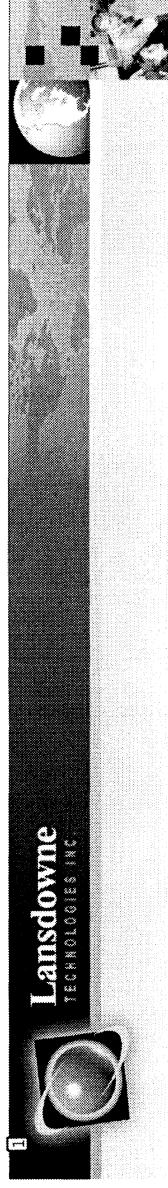


Fishers

- Prince Edward Island – PEI Fishermen's Association (PEIFA)
- New Brunswick – Maritimes Fishermen's Union/Union des pêcheurs des Maritimes (MFU/UPM)
- Nova Scotia:
 - Gulf Nova Scotia Bonafide Fishermen's Association
 - North of Smokey Fishermen's Association
 - Northumberland Fishermen's Association
 - Gulf Nova Scotia Fishermen's Coalition
 - Inverness South Fishermen's Association
 - Maritime Fishermen's Union (Local 4)

Page: 6

Number: 1 Author: Presenter Subject: Presentation Notes Date: 18/06/2018 1:04:16 PM -03'00'
The interests of the fishers are represented by the provincial organizations shown on this slide.



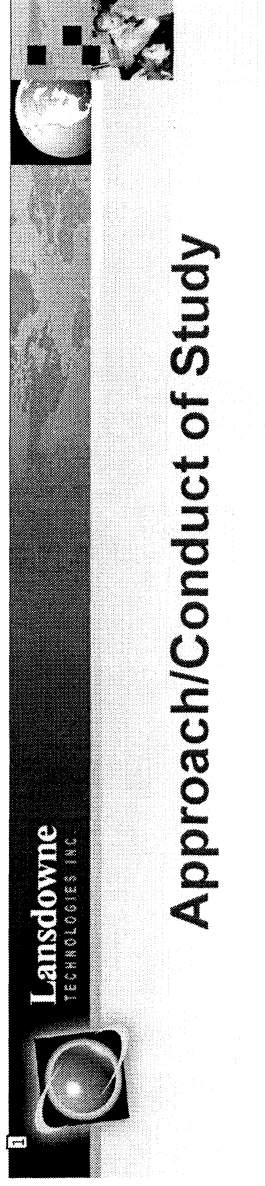
Dockside Monitoring Companies (DMCs)

- Cheticamp Monitoring, Cheticamp NS
- Atlantic Catch Data, Pictou NS
- Island Weigh 95 Inc., Tignish PEI
- Sea Tracker Dockside Monitoring, Tignish PEI
- Pèse-Pêche Inc., Shippagan NB
- Seefish Dockside Monitors, Fairhaven NB



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During the period of the study, six dockside monitoring companies were providing services in the Gulf Region and their input/perspective was
provided to the consultant regarding this initiative.



- Phase I: Read-In/Gathering of Information 20 Feb – 11 Mar
- Phase II: On-Site Visits 12-28 Mar
- Phase III: Analysis/Option Development 29 Mar – 26 Apr
- Phase IV: Reporting 27 Apr – 31 May



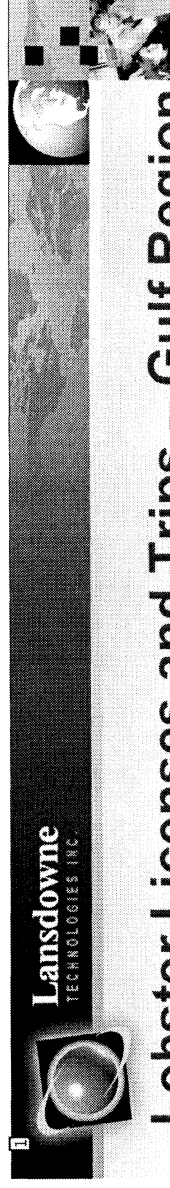
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Number 1

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This study was conducted using a phased approach to gain an understanding of the current situation in the Gulf Region lobster fishery while seeking recommendations and the perspective from key DFO personnel and the DMCs and to develop a potential implementation plan for fishery monitoring and catch reporting to be discussed with stakeholders. The four phases are as depicted on this slide.

The fishermen's associations received a notice of the study in February and although not part of the original scope, it was decided by DFO to meet with them to seek the perspective of the fishers, understanding that there would be continued dialogue among all the stakeholders following completion of the study report and a final decision by DFO.



Lobster Licenses and Trips – Gulf Region

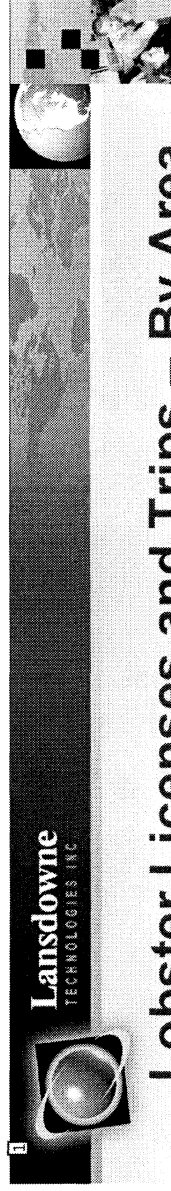
Year	# of Licences	# of Trips
2003	3,273	126,964
2004	3,330	125,722
2005	3,301	126,188
2006	3,253	128,355
2007	3,262	130,950
2008	3,297	124,110
2009	3,232	124,414
2010	3,206	117,564
2011	3,056	116,356
2012	3,011	119,844
2013	3,136	110,965
2014	3,046	120,275
2015	3,057	116,710
2016	2,963	119,955

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The next few slides summarize the information gathered to meet the requirements of the first Task. Present Facts on Gulf Region Lobster Fishery.
The bulk of this information was derived from spreadsheets provided by the Statistics Division based on information provided from sales slips.
As shown here, from 2003 to 2016, there has been a decrease of 310 lobster licences, mainly due to rationalization programs. The number of
reported trips saw a high of over 130,000 in 2007 and since 2010, the trend has generally been between 116,000 and 120,000. The trend
indicates a steady but slow decline in both number of licences and number of trips.



Lobster Licenses and Trips – By Area

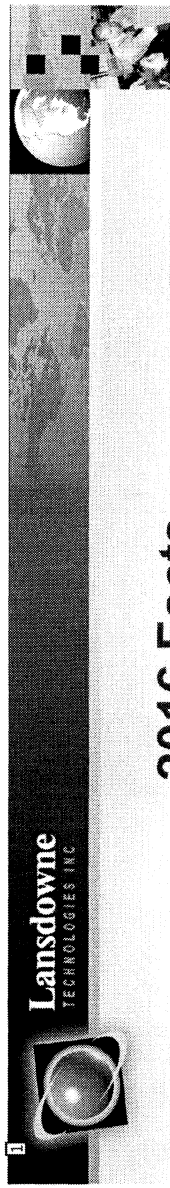
Year	Licences		Trips		Licences		Trips		Licences		Trips	
	PEI		PEI		ENB		ENB		GNS		GNS	
2003	1,326		63,587		1,337		37,296		610		26,081	
2004	1,349		63,629		1,337		37,037		644		25,056	
2005	1,347		62,289		1,293		37,274		661		26,625	
2006	1,339		62,615		1,270		39,171		644		26,569	
2007	1,374		62,869		1,248		41,115		640		26,966	
2008	1,381		60,719		1,263		38,197		653		25,194	
2009	1,385		57,667		1,220		42,403		627		24,344	
2010	1,321		55,949		1,242		39,303		643		22,312	
2011	1,281		54,898		1,176		37,386		599		24,072	
2012	1,301		58,515		1,112		35,944		598		25,385	
2013	1,331		54,123		1,169		34,182		636		22,660	
2014	1,320		58,632		1,128		37,757		598		23,886	
2015	1,337		56,091		1,133		37,429		587		23,190	
2016	1,274		59,176		1,105		35,899		584		24,880	

ENB
Eastern
New
Brunswick
GNS
Gulf
Nova
Scotia

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A review of this data by area is shown here.



2016 Facts

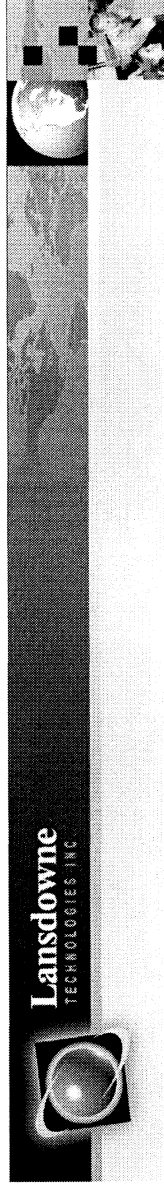
AREA	PEI	ENB	GNS	TOTAL
# of LICENSES	1,274	1,105	584	2,963
# of TRIPS	59,176	35,899	24,880	119,955
# of WHARVES	64	54	49	167
AVG # TRIPS PER WHARF	925	665	508	718

LFA	23	24	25	26A	26B	TOTAL
# of LICENSES	679	683	647	736	218	2,963
# of TRIPS	21,869	31,043	25,173	32,424	9,446	119,955
# of WHARVES	31	29	39	52	18	167
AVG # TRIPS PER WHARF	705	1,070	645	624	525	718

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2016 data was used for this study. At the time of the study, this information was still subject to a forthcoming audit, but was considered sufficiently accurate for analysis.

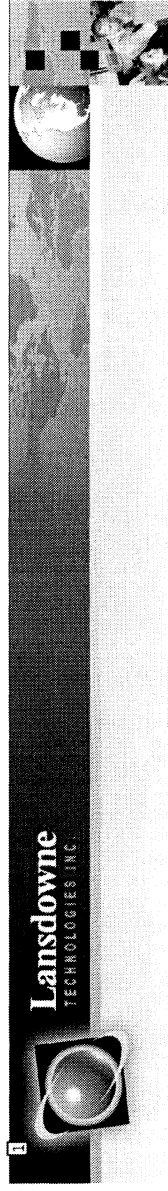


Facts

- PEI accounts for 43% of licenses and 49.3% of trips
- ENB accounts for 37.3% of licenses and 29.9% of trips
- GNS accounts for 19.7% of licenses and 20.8% of trips
- 48 busiest ports see over 76% of total trips in the Gulf

Region





Dockside Monitoring Program – Gaps

- Using number of buying stations as an approximate guide to determine number of observers needed for 100% monitoring:
 - Prince Edward Island - 91 spring/22 summer/fall
 - New Brunswick - 62 spring/44 summer/fall
 - Nova Scotia - 78 spring/4 summer/fall
- **Total – 231 spring/70 summer/fall**

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The second task was to Review the current Dockside Monitoring Program and identify the gaps to proceed with lobster catch monitoring. Certainly, it was recognized from the outset that the DMCs do not currently have sufficient dockside observers to meet the demand should the decision be made to proceed with 100% coverage for approximately 120,000 trips. Through the course of the study, it was generally agreed by the DMCs, the fishers and DFO staff that observers would likely be required at each buying station, particularly during the busy periods when a large number of vessels are arriving to offload their catch. Accordingly, it was assessed that 231/70 observers would be need for the spring and summer/fall fisheries respectively.

Recognizing that these numbers are an estimate that don't take into account fluctuations in the demand on a given day, or the efficiencies that would be developed over time, a 10% margin of error was introduced. As a result, the estimated number of observers required for 100% catch monitoring for the Gulf Region is assessed to be approximately 210-250 for the spring season and 60-80 for the summer/fall season depending on the location.

Current Lobster Log Book

Missing Key Information

- Weigh-Out Data
- Date sold
- Buyer
- Actual Weight
- Price

Precise Fishing Location

Dockside Observer

Signature & Confirmation Number

No. 1. 0008376

California Fishery Report
Report de Pêche - Pêche de Recreance

California Fish and Game Commission
Commission de Pêche et de Faune

Report of Fishery Observer (RFO)
Rapport de l'observateur de la pêche (RO)

Observer Name
Nom de l'observateur

Observer Title
Titre de l'observateur

Observer Address
Adresse de l'observateur

Observer Phone
Téléphone de l'observateur

Observer Email
Courriel de l'observateur

Observer Signature
Signature de l'observateur

Observer Date
Date de l'observateur

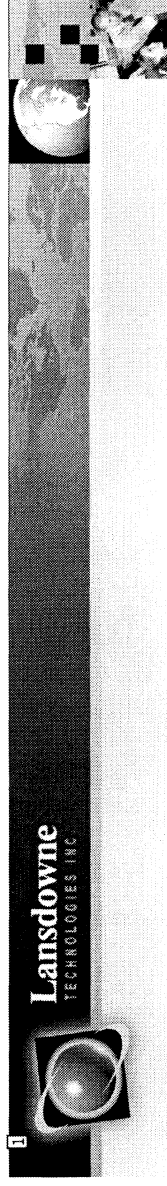
Observer Confirmation Number
Numéro de confirmation de l'observateur

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Number: 1 Author: Presenter Subject: Presentation Notes Date: 18/06/2018 1:04:17 PM -03'00'

Apart from the personnel requirements for the DMCs, another gap is that the current lobster log book does not provide the necessary information required to be entered into GFIS. If the log book was modified to ensure the missing information was captured on one document, the process would be more streamlined and efficient.



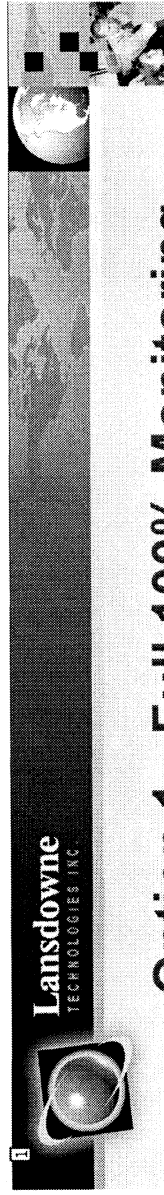
Options for Catch Monitoring in 2019

1. Full 100% Monitoring
2. Partial Monitoring (Commencing at 5%)
3. Data Entry Only
4. Pilot Project in one LFA or Sub-Area
5. Delay Monitoring Until 2020
6. Use of ELOG with Random Checks by Compliance Officers



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Number 1 Author: Presenter Subject: Presentation Notes Date: 18/06/2018 1:04:17 PM -03'00'
The third task was to Develop an implementation plan that will ensure that the Lobster Catch Monitoring data system includes data that will be
entered in the DFO Informatics system: Gulf Fishery Information System (GFIS), which is Oracle base for now. Six options were considered.



Option 1 - Full 100% Monitoring

- **Advantages**

- Supports recognition of requirement for catch monitoring by DMCs and DFO
- There are no discrepancies in information - fishers/buyers throughout the region are operating under the same conditions
- Increased employment opportunities in each province
- Help identify trends, challenges and problems quickly
- Potential to reach desired end state of sustainable lobster fishery more quickly

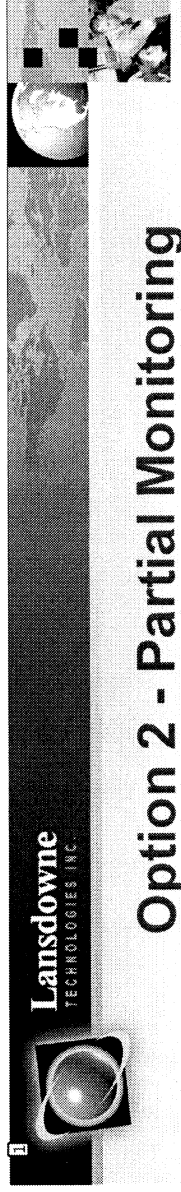
- **Disadvantages**

- Risk that DMCs do not have time to develop new business model, potentially overwhelming DMCs in hiring/training/deploying sufficient observers to handle the increased workload
- No backup if the DMCs fall short in recruitment
- Greater potential for delays offloading the catch, thereby causing dissatisfaction among buyers/fishers

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As indicated, this option calls for full dockside monitoring services in every port where lobster is landed with accompanying data entry.



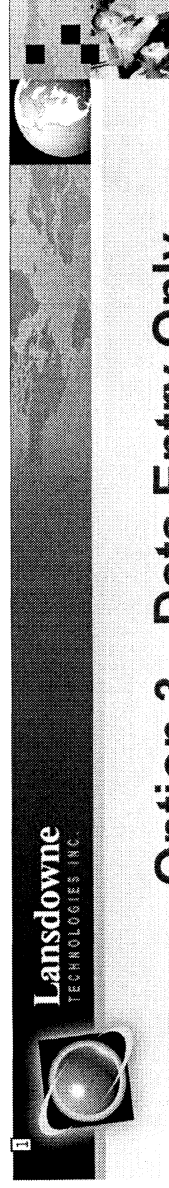
Option 2 - Partial Monitoring (Commencing at 10%)

- **Advantages**
 - DMCs can develop new business model
 - DMCs don't need to hire/train/deploy as many observers at once
 - Ease toward achieving desired end state
 - Greater flexibility to move observers around to get the required coverage
 - Decreases the risk of failure
 - Decreases the likelihood of having delays in offloading and causing dissatisfaction among buyers/fishers
- **Disadvantages**
 - Higher likelihood of having missing/inaccurate catch data until full implementation is realized
 - Incomplete information on catches could potentially impact analysis

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Number 1 Author: Presenter Subject: Presentation Notes Date: 18/06/2018 1:04:17 PM -03'00'

In this option, the DMCs commence dockside monitoring at an initial level of 10%. Consideration for this modest start was a stepped approach would provide a better chance for success and set the stage for phasing increased monitoring levels in subsequent years as capability and funding would support.



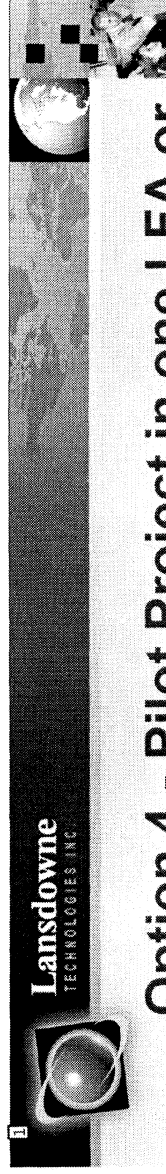
Option 3 - Data Entry Only

- **Advantages**
 - Provides greater lead time for DMCs to prepare for full catch monitoring
 - DMCs/fishers/buyers can establish a working relationship in dealing with the log entries
 - DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year
 - Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations
- **Disadvantages**
 - No verification of what is being caught for first year
 - Could adversely affect current arrangements in Statistics for part time data entry staff
 - Greater likelihood of having missing/inaccurate catch data

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Number 1 Author: Presenter Subject: Presentation Notes Date: 18/06/2018 1:04:17 PM -03'00'

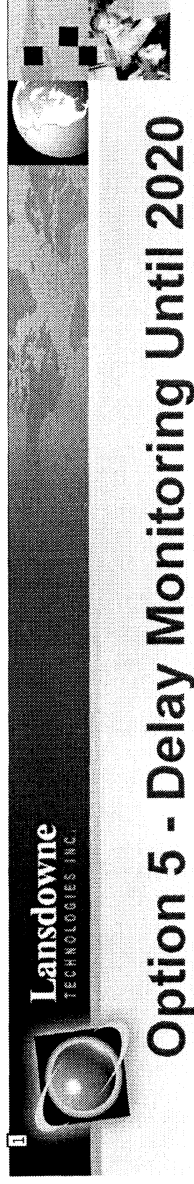
In this option, the DMCs do not provide dockside monitoring and use the Fishers log book sheets to enter the landing data into GLIS.



Option 4 - Pilot Project in one LFA or Sub-Area

- Advantages
 - Allows testing of implementation plan on a smaller scale to provide lessons learned for smoother transition/implementation in the rest of the region
 - Reduced cost
 - Allow DFO resources to focus on one area
- Disadvantages
 - May not be well received in the area selected for the trial
 - Will be challenging for DMCs in selected area
 - Delays overall implementation
 - Would require a different log book; as a result, two different logs could be in use in the Gulf Region if the other areas do not use new log book

Number 1	Author: Presenter	Subject: Presentation Notes	Date: 18/06/2018 1:04:17 PM - 03:00'
In this option, only one area would be involved in dockside monitoring. The scope of the pilot project could be further reduced to a small number of ports in one LFA or each LFA throughout the Gulf Region.			



- **Advantages**

- Provides greater lead time for DMCs to prepare for full catch monitoring
- DMCs/fishers/buyers can establish a working relationship in dealing with the log entries
- DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year
- Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations

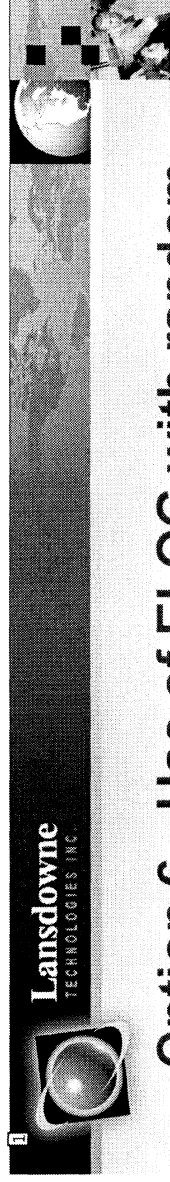
- **Disadvantages**

- No verification of what is being caught for first year
- Continued likelihood of having missing/inaccurate catch data

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Number: 1 Author: Presenter Subject: Presentation Notes Date: 18/06/2018 1:04:17 PM -03'00'

A possible variation would be to choose one of the five options but begin implementation in 2020 instead of 2019 to enable a longer lead time for preparation/consultation with stakeholders. A component of this option could include allocating funding to the DMCs to go to each port where they expect to provide services, observe the offloading of lobster, liaise with the fishers and buyers and gain a detailed understanding of the impact dockside monitoring will have on their businesses and how to best meet the challenges of the implementation.

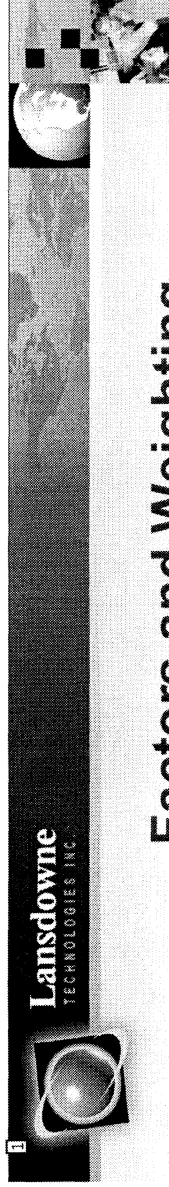


Option 6 - Use of ELOG with random checks by Compliance Officers

- Advantages
 - ELOG, once configured to capture required fishery information and fully implemented, will provide required data in real time
 - Does not affect efficiency of offloading
 - Takes away requirement for paper log book
- Disadvantages
 - Except for the random checks, does not provide independent third-party verification
 - Potential increased costs to expedite implementation of ELOG
 - There may be delays as DFO information systems are adapted for ELOG

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Number: 1 Author: Presenter Subject: Presentation Notes Date: 18/06/2018 1:04:18 PM -03'00'
This option involves the use of ELOG to record and transfer fishery information in real-time and conduct random checks to ensure compliance/
accuracy.



Factors and Weighting

To determine the overall score for each option the sum of the score for each Factor was calculated as follows:

Option Score = (Factor 1 x Weight Factor 1) + (Factor 2 x Weight Factor 2) + (Factor 3 x Weight Factor 3) + (Factor 4 - Yes = 5, No = 0)

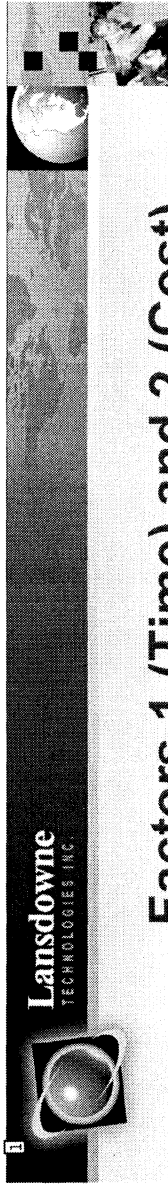
Factor 1 – Time

Factor 2 – Cost

Factor 3 – Resources

Factor 4 – Presence

Number 1	Author: Presenter	Subject: Presentation Notes	Date: 18/06/2018 1:04:18 PM -03'00'
To provide an objective assessment of the various options, four factors were identified:			
Factor 1 (TIME) - Time to achieve 100% monitoring. The desired end state is 100% monitoring, but it is not considered essential that this goal be achieved immediately. Weight Factor 1.			
Factor 2 (COST) - Cost to DFO during the first two years (2019-2020) assuming DFO assumes all costs during the first year and costs are shared between DFO and industry in the second year. Weight Factor 3.			
Factor 3 (RESOURCES) - Resources (observers) required in first year. Weight Factor 3.			
Factor 4 (PRESENCE) - It is considered important to have some monitoring activity. If this is the case in the first year a score of 5 is granted. If there is no monitoring activity in the first year, the score is 0.			
To determine the overall score for each option the sum of the score for each Factor was calculated as follows: Option Score = (Factor 1 x Weight Factor 1) + (Factor 2 x Weight Factor 2) + (Factor 3 x Weight Factor 3) + (Factor 4 - Yes = 5; No = 0)			



Factors 1 (Time) and 2 (Cost)

Factor 1 (TIME) - Time to achieve 100% monitoring. The desired end state is 100% monitoring, but it is not considered essential that this goal be achieved immediately. Weight Factor 1.

- 1 year = 5
- 2 years = 4
- 3 years = 3
- 4 years = 2
- 5 years = 1

Factor 2 (COST) - Cost to DFO during the first two years (2019-2020) assuming DFO assumes all costs during the first year and costs are shared between DFO and industry in the second year. Weight Factor 3.

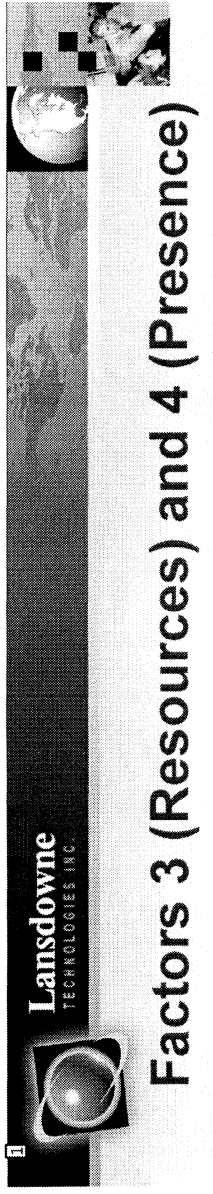
- Under \$1,000,000 = 5
- \$1,000,000 - \$2,000,000 = 4
- \$2,000,000 - \$3,000,000 = 3
- \$3,000,000 - \$4,000,000 = 2
- Greater than \$4,000,000 = 1

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Number: 1

Author: Presenter Subject: Presentation Notes Date: 18/06/2018 10:41:18 PM -03'00'
The next two slides show how the scoring is determined for each option. For the factor of Time, more points are awarded for the faster the option is expected to achieve 100% monitoring. Because there is no current monitoring, the Weight Factor is assessed to be 1 – it is considered important that some changes be implemented, but it is not essential that 100% monitoring be achieved immediately.

For the Cost factor, understanding that the end goal is that industry pay for the monitoring but that DFO could provide financial support to develop the DMP, it is considered important that costs to DFO in the initial period not be excessive, reflected by a Weight Factor of 3.

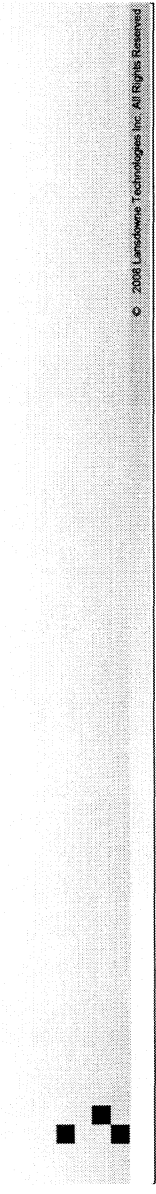


Factor 3 (RESOURCES) - Resources (observers) required in first year. Weight

Factor 3.

- Less than 10% = 5
- 10% – 25% = 4
- 25% – 50% = 3
- 50% – 75% = 2
- Greater than 75% = 1

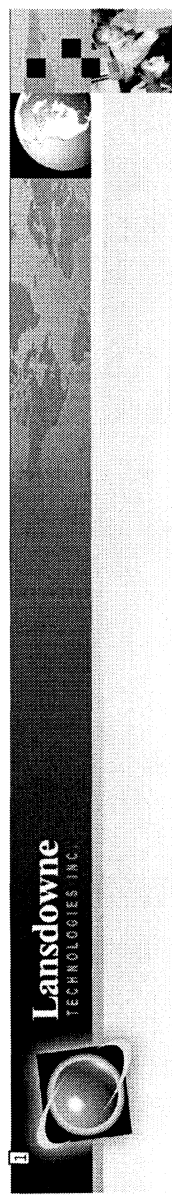
Factor 4 (PRESENCE) - It is considered important to have some monitoring activity. If this is the case in the first year a score of 5 is granted. If there is no monitoring activity in the first year, the score is 0.



Number 1 Author: Presenter Subject: Presentation Notes Date: 18/06/2018 1:04:18 PM -03'00'

The score and Weight Factor for Resources is developed in a similar fashion, while for Presence the score is either 5 or 0.

It is important to note that the scoring and Weight Factors can be adjusted if it is considered that the relative importance of a particular factor should be adjusted.



Factor Values for each Option

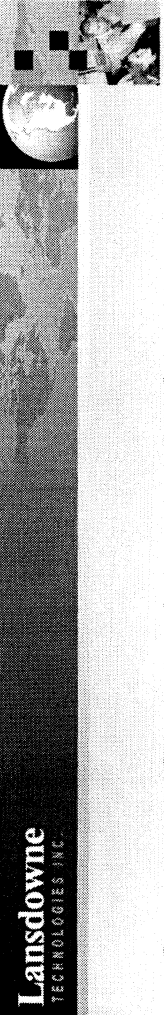

Factor	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
TIME	1 Year	5 Years	5 Years	4 Years	5 Years	5 Years
COST TO DFO	\$7,200,000 0	\$1,980,000	\$1,140,000 0	\$1,340,000 0	\$840,000	\$1,980,000
RESOURCES	100%	10%	0	100%*	100%	10%
PRESENCE	Yes	Yes	No	Yes	Yes	Yes



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This slides shows the values of the factors for each option....



Overall Score for each Option


Factor	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
TIME	5 X 1 = 5	1 X 1 = 1	1 X 1 = 1	2 X 1 = 2	1 X 1 = 1	1 X 1 = 1
COST TO DFO	1 X 3 = 3	4 X 3 = 12	4 X 3 = 12	4 X 3 = 12	5 X 3 = 15	4 X 3 = 12
RESOURCES	1 X 3 = 3	5 X 3 = 15	5 X 3 = 15	1 X 3 = 3	5 X 3 = 15	5 X 3 = 15
PRESENCE	5	5	0	5	0	5
TOTAL SCORE	16	33	28	22	31	33



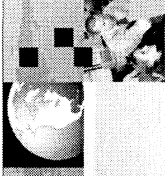
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Number	1	Author	Presenter	Subject	Presentation Notes	Date	18/06/2018 1:04:18 PM -03'00'
					...and this slide shows the overall scores.		



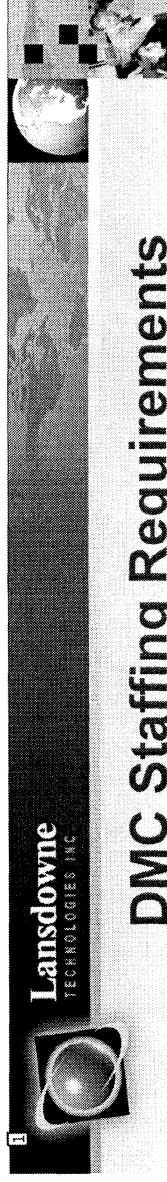
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Provide Recommendation of Staffing Requirements

- DMCs
- DFO
 - Regional Headquarters
 - DFO Area Offices

Number: 1 Author: Presenter Subject: Presentation Notes Date: 18/06/2018 1:04:18 PM -03'00'
The goal of the fourth task was to review current staff requirements and compare the use of college/university students, current or new
monitoring company employees, and DFO's staffing capacity in the implementation of catch monitoring.
In addressing this task, the two areas of consideration for the DMCs were the requirement for dockside observers and data entry staff.
Additionally, from the DFO perspective, the implementation of catch monitoring will impact the Statistics Division with a potential increase in
data management, while the Area Offices could see increased demand of C & P services.



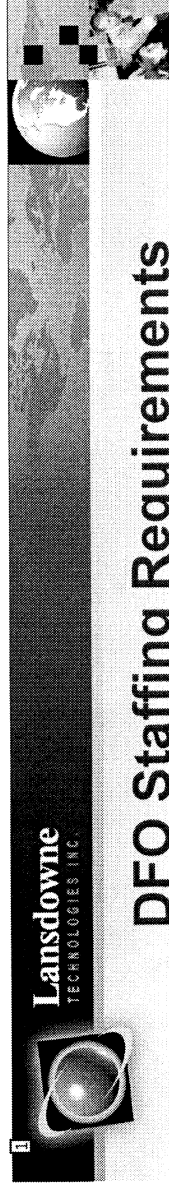
DMC Staffing Requirements

- Dockside Observers
 - 210-250 for the spring season
 - 60-80 for the summer/fall season
- Data Entry
 - Approximately 10
 - One or two people per DMC

Number: 1 Author: Presenter Subject: Presentation Notes Date: 18/06/2018 1:04:19 PM -03'00'

As noted earlier in the presentation, the biggest impact for the DMCs will be the significant increase in the number of dockside observers. Currently, the DMCs employ approximately 90-100 dockside observers in the Gulf Region. Hence, to achieve 100% catch monitoring, it would be a significant increase requiring hiring new observers. While some of the companies are already very busy during the lobster season with no surplus, others would be able to use some of their current staff to help handle the increased demand. There is the possibility to hire college/university students for the Spring season, but these candidates would not likely be available for the Summer/Fall season due to academic commitments. Nevertheless, if sufficient observers are found for the Spring season, it is possible that there would be sufficient numbers to manage the reduced requirement in the Summer/Fall. Current observers, who are not working or are not busy during the lobster season, could also benefit from this opportunity, and there will be some situations where an observer who is monitoring the landing of other species could also be able to monitor lobster at the same port, particularly if the same buyer is involved.


If DMCs become responsible for all of the associated data entry tasks, each DMC would likely need one or two people for those requirements as well.




DFO Staffing Requirements



- DFO Regional Headquarters
 - Statistics Division
- DFO Area Offices
 - Conservation and Protection



	Number: 1	Author: Presenter	Subject: Presentation Notes	Date: 18/06/2018 1:04:19 PM -03'00'
<p>As noted, the implementation of catch monitoring in the lobster fishery is suspected to have the most significant effect on the Statistics Division for data entry and management. The current process for data entry of lobster catch information is time-consuming and accounts for a significant amount of the workload in Statistics for data entry. When the lobster fishery reaches end state regarding catch monitoring, it is likely that the Statistics Division will spend very little or no time on data entry, but be able to focus on data management and analysis. Nevertheless, until that point is reached the staff will continue to be occupied with manual data entry, as well as work in upgrading the system.</p> <p>For the Area Offices, the implementation of lobster catch monitoring will likely see increased surveillance requirements or possibly a higher demand for investigations which could result in either a shift in focus from other species to lobster, or a possible requirement for additional staff in Conservation & Protection to handle the workload.</p>				



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DFO Cost Estimates for 2001 Pilot Project

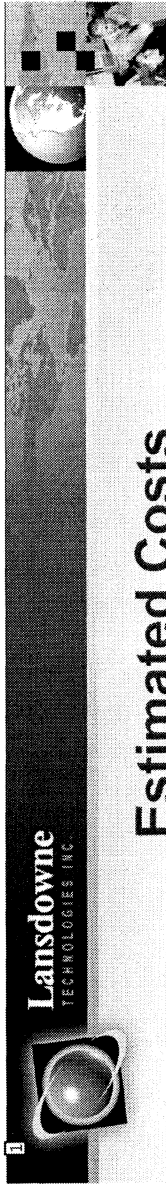
Lobster Fishing Area	23	24	25	26A	26B
Number of Fishers	722	614	793	749	251
Number of Trips*	37,984	31,556	30,235	36,071	11,790
Avg # of Landings per Season	54	50	36	48	49
Cost for Weight Verification	\$540.00	\$500.00	\$360.00	\$480.00	\$490.00
Cost for Fisher for Data Entry	\$18.00	\$17.00	\$15.00	\$16.00	\$17.00
Total Cost per Fisher	\$558.00	\$517.00	\$375.00	\$496.00	\$517.00
Cost to Buyer per Fisher	\$540.00	\$500.00	\$360.00	\$480.00	\$490.00
Total Cost - Fishers and Buyers	\$1,098.00	\$1,017.00	\$735.00	\$976.00	\$997.00
Total Cost	\$792,756.00	\$624,438.00	\$582,855.00	\$731,024.00	\$250,247.00

* Based on 2001 Data

Number: 1 Author: Presenter Subject: Presentation Notes Date: 18/06/2018 1:04:19 PM -03'00'
The fifth task was to provide a Cost Analysis. The goal of this task was to review a shared cost model in relation to industry led costs to provide a detailed implementation plan including phased-in options, and milestones.

As a starting point, used a DFO estimate for a dockside monitoring pilot project for 2003. The overall estimated cost was approximately \$3 million or approximately 1.4% of the value of landings (\$209 million in 2001 dollars).

The figures in the Table on this slide assumed a cost of \$20.00 per trip shared between the fishers and the buyers and a cost of \$15.00 to \$18.00 per fisher for data entry.



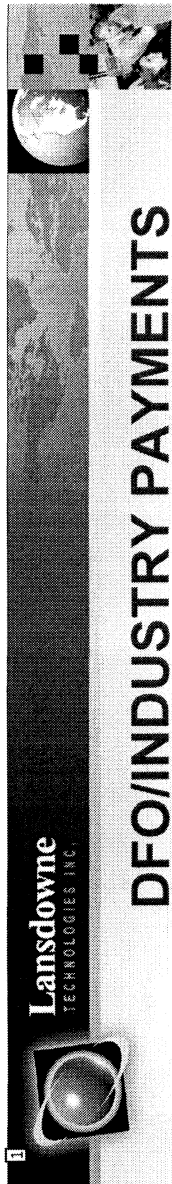
Estimated Costs

Year	Data Entry	Monitoring	Total Program Cost
2019	\$570,000	10% - \$420,000 - \$540,000	\$960,000 - \$1,080,000
2020	\$540,000	25% - \$1,050,000 - \$1,350,000	\$1,500,000 - \$1,800,000
2021	\$450,000	50% - \$2,100,000 - \$2,700,000	\$2,400,000 - \$3,000,000
2022	\$150,000	75% - \$3,150,000 - \$4,050,000	\$3,300,000 - \$4,200,000
2023		100% - \$3,600,000 - \$4,800,000	\$3,600,000 - \$4,800,000

Cost per trip estimated at \$30-\$40

Page: 31

Number: 1 Author: Presenter Subject: Presentation Notes Date: 18/06/2018 1:04:19 PM -03'00'
Considering inflation between 2001 and 2018 (134.4%), today's equivalent cost would be approximately \$34.00 per trip. This figure was approximately the same amount indicated for other species in anecdotal discussions with some of the DMCs. As it is understood that specific price arrangements will be resolved among the DMCs and their clients in each area, this analysis was conducted using a price of \$30-\$40 per trip for 120,000 trips, which includes approximately \$600,000 for data entry. The total number of landings is based on the 2016 number of 119,955 rounded up to simplify the analysis. The data entry estimate is based on approximately 20,000 hours of work as depicted in Table 16, which equates to \$5.00 per trip. If DMCs were to provide data entry services only, the cost was estimated to be approximately \$600,000.



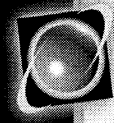
DFO/INDUSTRY PAYMENTS

Year	Total Program Cost	DFO Share	Industry Share
2019	\$960,000 - \$1,080,000	\$960,000 - \$1,080,000	
2020	\$1,500,000 - \$1,800,000	\$750,000 - \$900,000	\$750,000 - \$900,000
2021	\$2,400,000 - \$3,000,000		\$2,400,000 - \$3,000,000
2022	\$3,300,000 - \$4,200,000		\$3,300,000 - \$4,200,000
2023	\$3,600,000 - \$4,800,000		\$3,600,000 - \$4,800,000

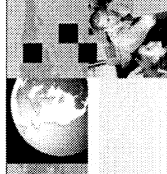
Page: 32

Number: 1 Author: Presenter Subject: Presentation Notes Date: 18/06/2018 1:04:19 PM -03'00'

Although the standard in today's fisheries is that industry bears the cost of catch monitoring, DFO resources could be allocated to support the implementation process. An option would be for DFO to assume responsibility for costs during the first year, share costs with industry in the second year and move to industry led costs in the third year and beyond. Using the higher end of the cost model, DFO would pay \$1,980,000 in the first two years. Industry would pay \$900,000 in the second year and have increasingly larger costs each year thereafter as the implementation moves towards 100% dockside monitoring.

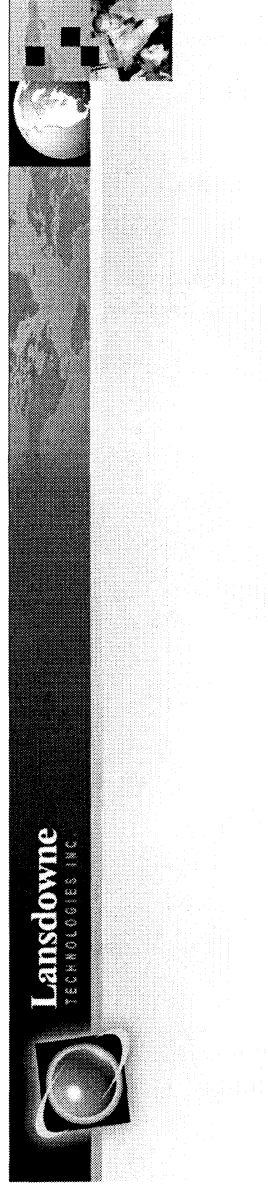


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Summary

- Catch monitoring in the Gulf Region lobster fishery is feasible
- Range of options available
- Recruiting, training, retaining dockside observers for 100% monitoring and requirement for DMCs to adapt/revise business processes accordingly is biggest challenge – phased approach provides greater chance for success
- Use of technology important
- Continued engagement with all stakeholders is key



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Girvan, Philip

From: Dwyer, Alan
Sent: February 24, 2019 9:21 PM
To: Girvan, Philip
Subject: FW: RAFM agenda // Ordre du jour GRPA
Attachments: Agenda - Regional Managers Meeting - April 26-27, 2018.doc

From: Arsenault, Linda <Linda.Arsenault@dfo-mpo.gc.ca>
Sent: Tuesday, April 24, 2018 1:07 PM
To: Bélanger, Pierre <Pierre.Belanger@dfo-mpo.gc.ca>; Landsburg, Wade <Wade.Landsburg@dfo-mpo.gc.ca>; LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>; LeCouffe, Marc <Marc.LeCouffe@dfo-mpo.gc.ca>; Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Theriault, Kim <Kim.Theriault@dfo-mpo.gc.ca>; Moore, Benjamin <Benjamin.Moore@dfo-mpo.gc.ca>; Dwyer, Alan <Alan.Dwyer@dfo-mpo.gc.ca>
Cc: Hebert, Alain <Alain.Hebert@dfo-mpo.gc.ca>; Ruest, Richard <Richard.Ruest@dfo-mpo.gc.ca>
Subject: RAFM agenda // Ordre du jour GRPA

Hi,

Please find enclosed the agenda for the RAFM Regional Managers meeting that will be held at the Claymore Inn, Antigonish, NS, from April 26 to April 27, 2018.

Thank you

Allo,

Veillez trouver ci-joint l'ordre du jour de la réunion des gestionnaires régionaux de la GRPA qui aura lieu au Claymore Inn, Antigonish, N.-É., du 26 avril au 27 avril 2018.

Merci,

Linda

RESOURCE AND ABORIGINAL FISHERIES MANAGEMENT REGIONAL MANAGERS MEETING

April 26 and April 27, 2018
Claymore Inn, Antigonish, NS
Chair: Marc LeCouffe

Agenda April 26, 2018 1:00 to 4:30

	Welcome and opening remarks	Marc
1.	<ul style="list-style-type: none"> • Roles and Responsibilities – RHQ vs. Areas. • Staffing. • Strategic planning. 	Marc Marc Kim
2.	<ul style="list-style-type: none"> • Indigenous consultations and programs. • Rights and Reconciliation – update and information and sharing within Department to avoid misinterpretation. • Gulf Licencing Policy and Indigenous communities, does it apply? 	Marc Kim Kim
3.	<ul style="list-style-type: none"> • Marine Mammals. • NARW - dynamic protocol. 	Marc Carole
4.	<ul style="list-style-type: none"> • RAFM bi-weekly calls - could they be moved to Monday mornings? • Canada-NB MOU on aquaculture development (part of this item concerns the three areas). • New access groups who further distribute their quotas or designate operators. 	Kim Sandra Alan

Agenda April 27, 2018 8:30 to 1:00

5.	<ul style="list-style-type: none"> • Oceans – update. 	Marc, Alain and Richard
6.	<ul style="list-style-type: none"> • E-log pamphlets distribution. • Up-date on striped bass and salmon management plan for 2018. • Update on catch monitoring for lobster and DMP e-form. • Comprehensive review project approved for 2018-2019. 	Pierre
7.	<ul style="list-style-type: none"> • Commercial fisheries priorities planning. • Rebuilding plans. • IFMPs. 	Carole

GESTION DE LA RESSOURCE ET DES PÊCHES AUTOCHTONES

RÉUNION DES GESTIONNAIRES RÉGIONAUX

26 avril et 27 avril 2018
Claymore Inn, Antigonish, N.-É.
Président: Marc LeCouffe

Ordre du jour Le 26 avril 2018 13h00 à 16h30

	Mot de bienvenue et d'ouverture	Marc
1.	<ul style="list-style-type: none"> Rôles et responsabilités – bureau régional vs bureau secteur. Dotation. Planification stratégique 	Marc Marc Kim
2.	<ul style="list-style-type: none"> Consultations et programmes autochtones. Droits et réconciliation - mise à jour et information et partage au sein du ministère pour éviter les erreurs d'interprétation. La politique d'octroi de licences du Golfe et les communautés autochtones, ça s'applique? 	Marc Kim Kim
3.	<ul style="list-style-type: none"> Mammifères marins. NARW - protocole dynamique. 	Marc Carole
4.	<ul style="list-style-type: none"> Les appels bi-hebdomadaires GRPA - pourraient-ils être déplacés au lundi matins? Protocole d'entente entre le Canada et le Nouveau-Brunswick sur le développement de l'aquaculture (cet article concerne les trois secteurs). Nouveaux groupes d'accès qui répartissent davantage leurs quotas ou désigner des opérateurs. 	Kim Sandra Alan

Ordre du jour Le 27 avril 2018 8h30 à 13h00

5.	<ul style="list-style-type: none"> Océans – mise-à-jour. 	Marc, Alain et Richard
6.	<ul style="list-style-type: none"> Distribution des brochures E-log. Mise à jour sur le plan de gestion du bar rayé et du saumon pour 2018. Mise à jour sur la surveillance des prises pour le homard et la forme électronique du PVQ. Projet d'examen détaillé approuvé pour 2018-2019. 	Pierre
7.	<ul style="list-style-type: none"> Planification des priorités de la pêche commerciale. Plans de rétablissement. PGIP. 	Carole

Girvan, Philip

From: Dwyer, Alan
Sent: February 24, 2019 9:20 PM
To: Girvan, Philip
Subject: FW: Regional Manager`s meeting - Antigonish - April 26 & 27, 2018

From: Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>
Sent: Monday, April 16, 2018 2:25 PM
To: Arsenault, Linda <Linda.Arsenault@dfo-mpo.gc.ca>; Landsburg, Wade <Wade.Landsburg@dfo-mpo.gc.ca>; Lanteigne, Stephen <Stephen.Lanteigne@dfo-mpo.gc.ca>; LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>; LeBlanc, Julie M <Julie.LeBlanc@dfo-mpo.gc.ca>; LeCouffe, Marc <Marc.LeCouffe@dfo-mpo.gc.ca>; Dwyer, Alan <Alan.Dwyer@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Theriault, Kim <Kim.Theriault@dfo-mpo.gc.ca>; Moore, Benjamin <Benjamin.Moore@dfo-mpo.gc.ca>
Subject: RE: Regional Manager`s meeting - Antigonish - April 26 & 27, 2018

Up-date on striped bass and salmon mgt plan for 2018
Update on catch monitoring for lobster and DMP e-form
Comprehensive review project approved for 2018-2019

From: Arsenault, Linda
Sent: April-16-18 1:50 PM
To: Landsburg, Wade; Lanteigne, Stephen; LeBlanc, Carole L; LeBlanc, Julie M; LeCouffe, Marc; Mallet, Pierre; Dwyer, Alan; Comeau, Sandra J; Theriault, Kim; Moore, Benjamin
Subject: Regional Manager`s meeting - Antigonish - April 26 & 27, 2018

Hi,

In preparation for your upcoming managers meeting scheduled for next week, could you please send me your items that you wish to add to the agenda.

It would be greatly appreciated if I could receive this no later than Thursday, April 19, 2018.

Also, please note the meeting will be held at the Claymore Inn in Antigonish. A series of rooms have been reserved under DFO. Please make your own reservations.

Thank you,

Linda Arsenault

Administrative Assistant | Adjointe administrative
Resource and Aboriginal Fisheries Management | Gestion de la ressource et des pêches autochtones
Fisheries and Oceans Canada | Pêches et Océans Canada
Telephone | Téléphone (506) 851-7749

1. Call with Atlantic City

Date

s.16(2)(c)

1-577-413-4721

Greg Ginn
+ Albert Delano
Joanna Murray
Maurice Dupont

— Joanna says PMP plans with

— Would it be possible this year

10 trips per day

— Wallace & Ballantyne's Corp NS

— Good coverage of RMS mainland
— but parts of landings and beach to them

— contact with DPO and not further
— data

— RNPed that if status from NS
Borley to General Causeway. H of
in houses by post

Page

Monday, Feb 4, 2019

Date

① Warm Water Protocol

② Handwritten + P II FCAF

Letter DMP and with Chebump Monitoring

s.16(2)(c)

1-277-413-4781

± 10 only

- James Morrison
- ~~the~~ Margaret Dupuis
- Prescilla Deveney

Planning for this year - audit,
spend check, if there is
a possibility

- 10 trips per day
- go to random expenses
- weigh out from that exist,
vegetables
- include estimate from logbook from
fisher
- voluntary e-loggs
↳ catch of estimate will be
in 2-3 as per upl

Page

- Date
- contract with DPD, not risky
 - do they get access to the other of holdings areas yet?
 - data entry? No yet only admin will be to take weigh out form and scan and send to DPD
 - Prescillo thinks with only 10 landings per day and probably do it with the staff they already have
 - Guaranteed 8 hours per day -> Prescillo

~~* Monthly under flounder boat with DPD rules?~~

- Monthly call for Agreements
- o Regional COWI prices
- o desktop -> if we have
- o - 2 ship

Legere, Luc

De: Landry, Anne
Envoyé: 30 avril 2018 09:46
À: Doucet, Serge; Richard, Jackey; Bliss, Doug; Quinn, Frank; Chiasson, Mireille; Hebert, Alain; Potter, Ted; Legere, Luc; Coleman, John WK
Objet: EMT Summary of discussion April 30_.docx
Pièces jointes: EMT Summary of discussion April 30_.docx

Please find attached notes for this morning's meeting.

Have a great day!

Anne

Weekly Executive Management Team Meetings

Meeting No.	
Date	April 30, 2018
Time	8:30
Location	

Present:

Doug Bliss, Regional Director Science (acting RDG)

Frank Quinn, Regional Director Fisheries and Aquaculture Management

Mireille Chiasson, A/RD Strategic Services

Luc Légère, Area Director, ENB

John Coleman, A/Area Director, PEI

Absent:

Serge Doucet, Regional Director General (Chair)

Jackey Richard, Associate Regional Director General

Ted Poter, A/Area Director, NS

Alain Hébert, RD Ecosystems Management

Topics of Discussion/Action Items

Item Sequence	Agenda Item Description	Action Item Owner
1	<p>Luc Légère:</p> <ul style="list-style-type: none"> • Had meetings with First Nations. • Snow Crab fishery started over the weekend. Major wharves for crabbers open. Still a lot of smaller wharves not open because of ice. • Meeting with Minister LeBlanc and MFU last Friday. Lobster fishery delayed because of ice. • Action: Frank, with Luc and Marc, to organize a meeting with industry to talk about management measures. • Joël Gionet gave an interview on the radio this morning. Very positive tone. • Entire ENB team is on mandatory Health and Safety training today (April 30), limited access to employees. 	
2	<p>John Coleman:</p> <ul style="list-style-type: none"> • Very busy, not much to report, no big issue. 	
3	<p>Frank Quinn:</p> <ul style="list-style-type: none"> • Executive whale meeting this afternoon, Doug to take call for RDG. • Involved in Staffing process. 	

4	Mireille Chiasson: <ul style="list-style-type: none">• PEIFA, e-log application. Test run with Charlottetown office. Serge very supportive of this.• DMP for lobster fishery.• MSC plan.• Meeting with Wolastoqy on May 8. Agenda being drafted.	
5	Doug Bliss: <ul style="list-style-type: none">• Acting for RDG for three days, from April 30 to May 2.• Two briefing notes in the system for RDG signature.	

Legere, Luc

De: Gaudet, Tony
Envoyé: 3 décembre 2018 15:25
À: DFO.F GLF RMC members / membres du CGR GLF F.MPO; LeBlanc, Carole L; Dupuis, Veronic
Cc: DFO.F GLF RMC Admin members / adjointes membres du CGR GLF F.MPO
Objet: 2018-11-30 Summary of Actions and Decisions RMC (2).docx
Pièces jointes: 2018-11-30 Summary of Actions and Decisions RMC (2).docx

Hello,

Please see preliminary summary of Action and Decisions from the November 30th, 2018 RMC Meeting for your comments. Translation is pending and the translated copy will be circulated as soon as possible.

Bonjour,

Svp voir le sommaire préliminaire d'actions et de décisions de la réunion du CGR du 30 novembre, 2018 pour vos commentaires. La traduction est en cours et la version traduite vous sera acheminer aussitôt que possible.

Tony Gaudet
Senior Advisor to the RDG, Gulf Region
Conseiller principale au DGR, Région du Golfe
(506) 851-7325

REGIONAL MANAGEMENT COMMITTEE / COMITÉ DE GESTION RÉGIONAL

November 30, 2018 / Le 30 novembre 2018
Gulf Fisheries Centre / Centre des pêches du Golfe
Moncton, N.B.

Participants :

Jackey Richard, A/Regional Director General	Stéphanie Hopper, Regional Director Small Craft Harbours	Ginette Lebreton, Communications
Doug Bliss, Science	Mireille Chiasson, A/Director Strategic Services	Ron Pumphrey, Area Director GNS
Ron Belliveau, Conservation and Protection	Camille Mazeroile, Director RPSS	Anne Landry, Project Officer
Alain Hebert, Ecosystems Management	Lori Cuddy, A/Area Director PEI	Marc Lecouffe, A/Director FAM
Luc Legere, Area Director GNB	Tony Gaudet, Senior Advisor	Carole Leblanc, FAM
Veronique Dupuis, Director Human Resources		

ITEMS / POINTS		SUMMARY / ACTIONS
<ul style="list-style-type: none"> ○ Welcome, introductions and opening remarks, RDG's debrief 	<ul style="list-style-type: none"> ○ No action or decision items 	
<ul style="list-style-type: none"> ○ Presentation made to PEI Standing Committee: Oceanographic conditions, Ecosystem Health and Commercial Fish Species of the Northumberland Strait / Présentation faite au Comité permanent de l'I.P.-É. : Conditions océanographiques, santé de l'écosystème et des espèces de poissons commerciaux du détroit de Northumberland 	<ul style="list-style-type: none"> ○ COMPLETED ACTION: Re-send presentation. Initial distribution was missing last pages with speaking notes. 	
<ul style="list-style-type: none"> ○ Roundtable 	<ul style="list-style-type: none"> ○ ACTION: Issues Report – Previous week's submission to be attached with the weekly ask for ease of updating. ○ ACTION: RUMCC Full RMC participation required: RMC to advise if they can't make it. <ul style="list-style-type: none"> ○ Luc Legere will be at FRAPP meeting in Shippagan and will send replacement to RUMCC. 	

SUMMARY OF DISCUSSION / REGIONAL MANAGEMENT COMMITTEE / COMITÉ DE GESTION RÉGIONAL

November 30, 2018 / Le 30 novembre 2018
Gulf Fisheries Centre / Centre des pêches du Golfe
Moncton, N.B.

ITEMS / POINTS	SUMMARY / ACTIONS
<ul style="list-style-type: none"> ○ MAR/GLF bilat 	<ul style="list-style-type: none"> ○ 1st ever inter-regional bilat. Purpose to coordinate and collaborate. ○ DECISION: Commitment to meeting twice a year at a minimum. ○ ACTION: to get something on paper as to how to proceed with FN access. ○ ACTION: Prepare to discuss safety at sea for next meeting. (Need more discussion on who is positioned to contribute to this preparation.)
<ul style="list-style-type: none"> ○ Round table continued... 	<ul style="list-style-type: none"> ○ C&P: <ul style="list-style-type: none"> ○ ACTION: Are there next steps based on the following? ○ Processors support going to DMP. Based on meeting with fish processors last week and because processors are concerned with unreported catches. GNB: Rumours outside DFO are floating that DMP is coming. ○ GNB: <ul style="list-style-type: none"> ○ INFO: Next Friday afternoon X-mas party ○ Ecosystems: <ul style="list-style-type: none"> ○ INFO: Employees moving offices liberating 3rd floor space ○ Communications: <ul style="list-style-type: none"> ○ REMINDER: Champions à communiquer avec Communications et aller chercher l'approbation du DGR avant d'envoyer des messages largement au staff, exemples: All GLF, All Moncton, etc. ○ RPSS: <ul style="list-style-type: none"> ○ ACTION: Bill C65; Camille to organize training for RMC on harassment and violence from NHQ specialist. ○ DECISION: Procédures d'urgence: Is RMC supportive of Nicole Bannister rolling out? Yes. ○ ACTION: Doug to coordinate with Camille on AED communication. ○ FAM: <ul style="list-style-type: none"> ○ COMPLETED ACTION: Share Marine Mammal Act presentation ○ ARDG: <ul style="list-style-type: none"> ○ ACTION: IK working group meeting to be re-scheduled and to include Science. ○ GNS: <ul style="list-style-type: none"> ○ REMINDER: Requesting ideas for workplace wellness in e-mail from Ron (email Nov. 28 at 9h59AM) ○ SCH: <ul style="list-style-type: none"> ○ OPPORTUNITY: Some openings remain for Working Mind session with Jamie Graves on Wednesday.

Legere, Luc

De: LeCouffe, Marc
Envoyé: 19 décembre 2018 10:37
À: Bliss, Doug; Chiasson, Mireille; Doucet, Serge; Richard, Jackey; Gaudet, Tony; Hebert, Alain
Cc: Legere, Luc; Pumphrey, Ronald; Cuddy, Lori; Hardy, Matthew A (Moncton); MacKinnon, Anne-Margaret; Robichaud, Amélie
Objet: RE:
Pièces jointes: Tab 2 - DM Transition - Current Issues Deck - Gulf_ (2) (002).ppt

Many issues raised...to keep or reduce as warranted.

Marc

From: Bliss, Doug
Sent: Tuesday, December 18, 2018 6:04 PM
To: Chiasson, Mireille <Mireille.Chiasson@dfo-mpo.gc.ca>; Doucet, Serge <Serge.Doucet@dfo-mpo.gc.ca>; Richard, Jackey <Jackey.Richard@dfo-mpo.gc.ca>; Gaudet, Tony <Tony.Gaudet@dfo-mpo.gc.ca>; LeCouffe, Marc <Marc.LeCouffe@dfo-mpo.gc.ca>; Hebert, Alain <Alain.Hebert@dfo-mpo.gc.ca>
Cc: Legere, Luc <Luc.Legere@dfo-mpo.gc.ca>; Pumphrey, Ronald <Ronald.Pumphrey@dfo-mpo.gc.ca>; Cuddy, Lori <Lori.Cuddy@dfo-mpo.gc.ca>; Hardy, Matthew A (Moncton) <Matthew.Hardy@dfo-mpo.gc.ca>; MacKinnon, Anne-Margaret <Anne-Margaret.MacKinnon@dfo-mpo.gc.ca>; Robichaud, Amélie <Amelie.Robichaud@dfo-mpo.gc.ca>
Subject: RE:

Science has nothing to add on whales as NHQ will be providing the info. The science whale program is run from NHQ. We were in the fortunate position of having funding, this year, to conduct the necessary monitoring for NARW.

On salmon in general we have the info prepared last week (see attached). With river by river management the following bullets can be included in the note:

- Results fund in 17/18 provided funds to augment our equipment in order to advance river-by-river management on the Miramichi River. This equipment, acoustic sonar to assess Striped bass biomass, radio tracking receivers to track tagged salmon in the river, and an advance genetic analyser our ability to monitor salmon and striped bass in the Miramichi River has been greatly enhanced.
- Any river by river management regime advanced will include enhanced monitoring whether by DFO or citizen science is yet to be determined and is currently unfunded.

From: Chiasson, Mireille
Sent: Tuesday, December 18, 2018 2:10 PM
To: Doucet, Serge <Serge.Doucet@dfo-mpo.gc.ca>; Richard, Jackey <Jackey.Richard@dfo-mpo.gc.ca>; Gaudet, Tony <Tony.Gaudet@dfo-mpo.gc.ca>; LeCouffe, Marc <Marc.LeCouffe@dfo-mpo.gc.ca>; Hebert, Alain <Alain.Hebert@dfo-mpo.gc.ca>; Bliss, Doug <Doug.Bliss@dfo-mpo.gc.ca>
Cc: Legere, Luc <Luc.Legere@dfo-mpo.gc.ca>; Pumphrey, Ronald <Ronald.Pumphrey@dfo-mpo.gc.ca>; Cuddy, Lori <Lori.Cuddy@dfo-mpo.gc.ca>
Subject:
Importance: High

As some of you have asked for clarifications.. what I am requesting for tomorrow are briefings on the identified issue see below, or any other you think the new DM should be aware off. As for the deck.. noted below in the table.. we have a gulf region overview deck that Odette Leger has circulated before and requested updating if required. This deck was prepared when the new Minister was announced. We will use this deck and it will be sent along with the briefings.

Thanks

Merçi

MSP Whales - Whales Management - Impact on Fisheries (FAM, AE, Science, Tracadie Area office)

Salmon management - River by River Management (FAM, Science)

MCT (AE)

Northern Pulp (C&P, AE)

Reconciliation - Statement of cooperation - Elsipogtog - Co Management (FAM, AE, Area offices)

In addition to the two briefing binders, Governance will also schedule cascading sectoral briefings (Phase 2) in the coming weeks. Sectors are reminded to initiate the preparation of thematic briefings as material for these briefings could be required prior to the Christmas break (tbd). A preliminary list of subjects is included in the attached Table of Contents. If there are other pressing issues of concern in Winter/Spring 2019 that the DM should be made aware of, please flag them to Governance as soon as possible.

Example of Possible Schedule		
After initial briefings, Governance will coordinate individual sector 'deep dive' briefs; this material would provide a program overview and a set of comprehensive list of departmental issues for the new Deputy.		
Coast Guard (CCG)	1. Coast Guard and National Shipbuilding Strategy – 101 and key issues (National Strategies, Operations, Integrated Technical Services, Integrated Business Management Services, and Major Projects) 2. Oceans Protection Plan (OPP) – 101 and key issues (Projects completed, under way, funds spent, etc.)	Deck + One-Pagers on any Hot Issue Deck + One-Pagers on any Hot Issue
Fisheries Overview (FHM)	Fisheries Management – 101 and key issues (Licensing, Conservation and Protection, Small Craft Harbours etc.)	Deck + One-Pagers on any Hot Issue
Aquatic Ecosystems (AE)	Ecosystems and Oceans Management – 101 and key issues (Aquaculture, SARA, FPP, etc.)	Deck + One-Pagers on any Hot Issue
Ecosystems Science (EOS)	Ecosystem Science – 101 and key issues (Environmental and Biodiversity, Fish Population, Oceans)	Deck + One-Pagers on any Hot Issue
Indigenous Issues (SP, FHM, AE, Legal)	Indigenous Affairs and Reconciliation – 101 and key issues (Reconciliation, Ahousaht, Negotiating Mandates)	Deck + One-Pagers on any Hot Issue
International Issues (SP, FHM, AE)	International Agenda – 101 and key issues (Oceans, Key Upcoming Meetings, MMPA, Trade / Market Access)	Deck + One-Pagers on any Hot Issue
Human Resources and Corporate Services	Key HR Issues – Resources, Phoenix, and other key issues	Deck + One-Pagers on any Hot Issue

(HRCS)		
Regional Overviews (Nfld, Maritimes, Gulf, QC, C&A, Pacific)	Overview of Regional Operations, Workforce, and Current Issues.	Deck + One-Pagers on any Hot Issue
Internal Audit	Recent Audits, Department Audit Committee, 4 month outlook calendar	Deck + One-Pagers on any Hot Issue



Mireille Chiasson

Regional Director, Strategic Services / Directrice Régionale, Services Stratégiques

Strategic Services Division / Division des Services Stratégiques

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Government of Canada/Gouvernement du Canada

**Pages 586 to / à 588
are not relevant
sont non pertinentes**



Fisheries and Oceans
Canada

Pêches et Océans
Canada

SECRET

Lobster fishery in the southern Gulf

Issue: The lobster fishery in the southern Gulf of Saint-Lawrence is the most lucrative fishery in the Gulf Region. Concerns remain regarding the accuracy of the catch data derived from the official catch system and delay of availability of data, as well as uncertainties in the amount of non-reported lobster catches from other sales, personal consumption, and potential illegal fishing. Overall surveillance could be increased.

Context:

- The value of the lobster fishery has increased substantially in the last 5 years due to favorable markets conditions and increases in landings.
- Minimum carapace size increase and the environmental conditions have contributed to the health of the stock in recent years. Some organizations in PEI continue to voice their opposition to further increase the minimum carapace size beyond 72 mm which represents 50 % at maturity and some organizations are requesting a harmonized size for PEI, and even some for the Gulf.
- The Gulf Region manages 5 Lobster Fishing Areas (LFA) spread and shared over 3 provinces, with minimum carapace sizes ranging from 73 to 82.5 mm.
- Each LFA is managed separately with different fishing seasons and different management measures even though the lobster stock is considered one biological unit.
- Landing information is not reliable as data is collected by logbooks filled out by harvesters and purchase slips provided by buyers.
- Given the current state of pelagic fisheries (herring and mackerel), the source of bait could become an issue in the lobster fishery.
- The Department held consultations with the Lobster Advisory Committee in early December to discuss management measures and provided information on the feasibility of imposing a catch monitoring program in Lobster. All harvester organization expressed their opposition to such a program.

s.16(1)(c)

s.21(1)(a)

s.21(1)(b)

- In 2017, C&P

Next Steps / Decisions:

- Work is ongoing to implement one of the options recommended by the feasibility study to initiate implementation of DMP in the Lobster fishery.

Canada

Pages 590 to / à 591
are not relevant
sont non pertinentes

Lemay, Gaëlle

From: Massiera, Josiane
Sent: December-19-18 12:24 PM
To: Lemay, Gaëlle
Cc: Robichaud-Hache, Melanie
Subject: FW: lobster DMP or data entry by companies - NL

Fyi information received from NL.

From: Simms, Jason
Sent: December-04-18 8:25 AM
To: Massiera, Josiane
Subject: FW: lobster DMP or data entry by companies - NL

See responses to your questions in blue below.

Jason

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: November 30, 2018 11:28 AM
To: Henri, Martin <Martin.Henri@dfo-mpo.gc.ca>
Subject: lobster DMP or data entry by companies

Hi Martin,

I left you a message, but thought that it might be as quick via email.

Can you confirm that they are no dockside monitoring (DMP) for lobster in NL? DMP is not applicable to the NL Lobster fishery.

If no DMP, do you have data entry done by dockside companies (as Maritimes does). NO, DFO (Science & RM) does the data entry.

How long does it take for your landing data to be entered and validated in DFO's informatics system? Stats doesn't enter them and no validation of the logbooks are completed. Data entry is done when Science technicians have time to do so, usually over the winter. Lobster logbook returns decreased since we introduced them in 2010, so we have put some effort in getting them back. RM logs the returned logbooks to track who we have them from, we compare that with who purchased tags. Last year and this year we have a small project (catch monitoring funding) to call fishers who didn't return logs to remind them to submit them, if they fished. We are working towards having a condition of licence requiring the logbook returned prior to issuing the licence in the subsequent year.

We are having a Southern Gulf of St. Lawrence lobster advisory committee on the 4th...if you have an answer before then, that would be great!

Thanks,
Josiane

Fishing Area based on Licence	Province of the Place Landed	Place Landed	Community Description	Buyer Code (First 4 digits)	Buyer Name
26B	NS	10201	CHETICAMP	2026	POIRIER FISH LTD
26B	NS	10201	CHETICAMP	2103	PECHERIES CHETICAMP FISHERIES
26B	NS	10201	CHETICAMP	2246	CAPE BALD PACKERS LTD. (CHETICAMP)
26B	NS	10208	GRAND ETANG	2026	POIRIER FISH LTD
26B	NS	10208	GRAND ETANG	2103	PECHERIES CHETICAMP FISHERIES
26B	NS	10208	GRAND ETANG	2246	CAPE BALD PACKERS LTD. (CHETICAMP)
26B	NS	10208	GRAND ETANG	4596	BALLAST GROUNDS FISHERIES
26B	NS	10212	MARGAREE HARBOUR	2095	ISLAND SUNSET SEAFOOD LTD.
26B	NS	10212	MARGAREE HARBOUR	2103	PECHERIES CHETICAMP FISHERIES
26B	NS	10212	MARGAREE HARBOUR	4596	BALLAST GROUNDS FISHERIES
26B	NS	10214	PLEASANT BAY	2103	PECHERIES CHETICAMP FISHERIES
26B	NS	10214	PLEASANT BAY	2246	CAPE BALD PACKERS LTD. (CHETICAMP)
26B	NS	10306	FINLAY POINT	2007	CEILIDH FISHERMEN CO-OP
26B	NS	10306	FINLAY POINT	2095	ISLAND SUNSET SEAFOOD LTD.
26B	NS	10308	INVERNESS	2095	ISLAND SUNSET SEAFOOD LTD.
26B	NS	10308	INVERNESS	2246	CAPE BALD PACKERS LTD. (CHETICAMP)
26B	NS	10308	INVERNESS	4596	BALLAST GROUNDS FISHERIES
26B	NS	10313	LITTLE JUDIQUE HARBOUR	2007	CEILIDH FISHERMEN CO-OP
26B	NS	10314	LITTLE JUDIQUE PONDS	2007	CEILIDH FISHERMEN CO-OP
26B	NS	10319	MABOU HARBOUR	2007	CEILIDH FISHERMEN CO-OP
26B	NS	10324	MURPHY'S POND	2007	CEILIDH FISHERMEN CO-OP
26B	NS	10324	MURPHY'S POND	4596	BALLAST GROUNDS FISHERIES
26B	NS	10330	PORT HOOD	4847	RBN FISHERIES
26B	NS	10341	BAXTER'S COVE	2007	CEILIDH FISHERMEN CO-OP
26B	NS	10341	BAXTER'S COVE	4847	RBN FISHERIES
26A	NS	11001	BARRACHOIS	2041	NORTH NOVA SEAFOODS LTD.
26A	NS	11001	BARRACHOIS	2091	CAPE JOHN CRAB & SEAFOOD LTD.
26A	NS	11001	BARRACHOIS	2094	AQUASHELL INC.
26A	NS	11102	CARIBOU/FERRY WHARF	2041	NORTH NOVA SEAFOODS LTD.
26A	NS	11102	CARIBOU/FERRY WHARF	2043	JAMES GUNNING LYON'S LOBSTER POT
26A	NS	11102	CARIBOU/FERRY WHARF	2091	CAPE JOHN CRAB & SEAFOOD LTD.

Fishing Area based on Licence	Province of the Place Landed	Place Landed	Community Description	Buyer Code (First 4 digits)	Buyer Name
26A	NS	11102	CARIBOU/FERRY WHARF	2108	ARISAIG FISHERIES (2012)
26A	NS	11102	CARIBOU/FERRY WHARF	2109	L.A.K.
26A	NS	11102	CARIBOU/FERRY WHARF	5383	WEDGEPORT LOBSTERS LTD.
26A	NS	11111	CAPE JOHN	2041	NORTH NOVA SEAFOODS LTD.
26A	NS	11111	CAPE JOHN	2088	NORTHUMBERLAND FISH CO-OPERATIVE LTD.
26A	NS	11111	CAPE JOHN	2091	CAPE JOHN CRAB & SEAFOOD LTD.
26A	NS	11111	CAPE JOHN	2108	ARISAIG FISHERIES (2012)
26A	NS	11113	TONEY RIVER	2043	JAMES GUNNING LYON'S LOBSTER POT
26A	NS	11113	TONEY RIVER	2088	NORTHUMBERLAND FISH CO-OPERATIVE LTD.
26A	NS	11113	TONEY RIVER	5383	WEDGEPORT LOBSTERS LTD.
26A	NS	11115	SKINNER'S COVE	2041	NORTH NOVA SEAFOODS LTD.
26A	NS	11115	SKINNER'S COVE	2088	NORTHUMBERLAND FISH CO-OPERATIVE LTD.
26A	NS	11115	SKINNER'S COVE	2091	CAPE JOHN CRAB & SEAFOOD LTD.
26A	NS	11116	LOGAN'S POINT	2041	NORTH NOVA SEAFOODS LTD.
26A	NS	11125	PICTOU ISLAND WEST	2041	NORTH NOVA SEAFOODS LTD.
26A	NS	11201	BIG ISLAND	2108	ARISAIG FISHERIES (2012)
26A	NS	11202	LISMORE	2108	ARISAIG FISHERIES (2012)
26A	NS	11203	LITTLE HARBOUR	2041	NORTH NOVA SEAFOODS LTD.
26A	NS	11203	LITTLE HARBOUR	2108	ARISAIG FISHERIES (2012)
26A	NS	11207	PICTOU LANDING	2041	NORTH NOVA SEAFOODS LTD.
26A	NS	11207	PICTOU LANDING	2108	ARISAIG FISHERIES (2012)
26A	NS	11303	ARISAIG	2108	ARISAIG FISHERIES (2012)
26A	NS	11304	BALLANTYNE'S COVE	2016	NORTH BAY FISHERMEN CO-OP
26A	NS	11304	BALLANTYNE'S COVE	2017	ARISAIG FISHERIES LTD.
26A	NS	11304	BALLANTYNE'S COVE	2108	ARISAIG FISHERIES (2012)
26A	NS	11304	BALLANTYNE'S COVE	4299	QUALITY SEAFOODS LTD.
26A	NS	11305	BAYFIELD	2016	NORTH BAY FISHERMEN CO-OP
26A	NS	11305	BAYFIELD	2109	L.A.K.
26A	NS	11308	HAVRE BOUCHER	4847	RBN FISHERIES
26A	NS	11311	LIVINGSTONE'S COVE	2016	NORTH BAY FISHERMEN CO-OP
26A	NS	11311	LIVINGSTONE'S COVE	2108	ARISAIG FISHERIES (2012)

Fishing Area based on Licence	Province of the Place Landed	Place Landed	Community Description	Buyer Code (First 4 digits)	Buyer Name
26A	NS	11318	TRACADIE	2109	L.A.K.
26A	NS	11320	BARRIOS BEACH	2109	L.A.K.
26A	NS	11320	BARRIOS BEACH	4847	RBN FISHERIES
26A	NS	11321	CRIBBENS POINT	2016	NORTH BAY FISHERMEN CO-OP
26A	NS	11321	CRIBBENS POINT	2108	ARISAIG FISHERIES (2012)
26B	NS	11402	AULD'S COVE	2093	BST LOBSTER SALES LTD.
26B	NS	11402	AULD'S COVE	4847	RBN FISHERIES
25	NS	14502	NORTHPORT	2094	AQUASHELL INC.
25	NS	14505	PUGWASH	2027	CHASE'S LOBSTER LTD
26A	NS	14505	PUGWASH	2027	CHASE'S LOBSTER LTD
26A	NS	14505	PUGWASH	2094	AQUASHELL INC.
25	NS	14505	PUGWASH	5104	ABUPTIC LOBSTER LTD.
26A	NS	14604	MALAGASH	2094	AQUASHELL INC.
26A	NS	14607	WALLACE	2027	CHASE'S LOBSTER LTD
26A	NS	14607	WALLACE	2094	AQUASHELL INC.

Fishing Area based on Licence	Province of the Place Landed	Place Landed	Community Description	Buyer Code	
				(First 4 digits)	Buyer Name
23	NB	26307	DALHOUSIE	2364	PECHERIES DE CHEZ NOUS LTEE
23	NB	26313	NEW MILLS	2364	PECHERIES DE CHEZ NOUS LTEE
23	NB	26408	POINTE-VERTE	2155	POISSONNERIE ARSENEAU FISH MARKET
23	NB	26410	PETIT-ROCHER	2155	POISSONNERIE ARSENEAU FISH MARKET
23	NB	26410	PETIT-ROCHER	3046	LES PÊCHERIES DU NORD LTÉE
23	NB	26501	CARAQUET	2155	POISSONNERIE ARSENEAU FISH MARKET
23	NB	26501	CARAQUET	2464	K. & K. EXPORT LTD.
23	NB	26501	CARAQUET	2495	C. K. FISH BUYER LTD.
23	NB	26501	CARAQUET	3008	DISTRIBUTION SBNB LTEE
23	NB	26501	CARAQUET	6004	LELIEVRE, LELIEVRE ET LEMOIGNAN
23	NB	26502	ANSE-BLEUE	2464	K. & K. EXPORT LTD.
23	NB	26502	ANSE-BLEUE	3044	MARCHÉ DE POISSON ALBERT LTÉE
23	NB	26505	GRANDE-ANSE	2464	K. & K. EXPORT LTD.
23	NB	26508	BAS CARAQUET	2155	POISSONNERIE ARSENEAU FISH MARKET
23	NB	26508	BAS CARAQUET	2194	POISSONNERIE DES ILES
23	NB	26508	BAS CARAQUET	2464	K. & K. EXPORT LTD.
23	NB	26508	BAS CARAQUET	3008	DISTRIBUTION SBNB LTEE
23	NB	26519	STONEHAVEN	2342	MCLEAN FISH SHOP
23	NB	26519	STONEHAVEN	2478	STONEHAVEN GROUP LTD.
23	NB	26519	STONEHAVEN	2480	ELLIS TAKE OUT
23	NB	26519	STONEHAVEN	3014	BARRY GROUP NB INC.
23	NB	26519	STONEHAVEN	3044	MARCHÉ DE POISSON ALBERT LTÉE
23	NB	26519	STONEHAVEN	3070	EAST COAST OCEAN PRODUCT
23	NB	26531	MILLER BROOK WHARF	2392	COASTAL HARVESTERS
23	NB	26531	MILLER BROOK WHARF	3070	EAST COAST OCEAN PRODUCT
23	NB	26601	LAMEQUE	2194	POISSONNERIE DES ILES
23	NB	26608	PETIT SHIPPAGAN	2431	LES PECHEURS UNIS INC
23	NB	26608	PETIT SHIPPAGAN	2464	K. & K. EXPORT LTD.
23	NB	26608	PETIT SHIPPAGAN	3063	PRODUITS MARINS JONES
23	NB	26611	MISCOU HARBOUR	3008	DISTRIBUTION SBNB LTEE
23	NB	26611	MISCOU HARBOUR	3014	BARRY GROUP NB INC.

Fishing Area based on Licence	Province of the Place Landed	Place Landed	Community Description	Buyer Code	
				(First 4 digits)	Buyer Name
26A	NB	26611	MISCOU HARBOUR	3021	MISCOU HARBOUR ENTERPRISE INC.
23	NB	26611	MISCOU HARBOUR	3021	MISCOU HARBOUR ENTERPRISE INC.
23	NB	26611	MISCOU HARBOUR	3058	LA PINCE ROUGE INC.
23	NB	26611	MISCOU HARBOUR	6004	LELIEVRE, LELIEVRE ET LEMOIGNAN
23	NB	26616	PIGEON HILL	2182	L'ASSOC. CO-OP. PECHEURS L'ILE LAMEQUE
23	NB	26616	PIGEON HILL	2274	MAURICE BLANCHARD
23	NB	26616	PIGEON HILL	2441	LES PRODUITS HOMARENG LTEE
23	NB	26616	PIGEON HILL	2464	K. & K. EXPORT LTD.
23	NB	26616	PIGEON HILL	6004	LELIEVRE, LELIEVRE ET LEMOIGNAN
23	NB	26620	STE MARIE/ST.RAPHAEL	2182	L'ASSOC. CO-OP. PECHEURS L'ILE LAMEQUE
23	NB	26620	STE MARIE/ST.RAPHAEL	3014	BARRY GROUP NB INC.
23	NB	26620	STE MARIE/ST.RAPHAEL	3071	H. PAULIN SEAFOOD INC
23	NB	26622	SAVOY LANDING	2464	K. & K. EXPORT LTD.
23	NB	26622	SAVOY LANDING	2495	C. K. FISH BUYER LTD.
23	NB	26701	SHIPPAGAN	2201	MARCHE DE POISSON M. LANTEIGNE
23	NB	26701	SHIPPAGAN	2464	K. & K. EXPORT LTD.
23	NB	26701	SHIPPAGAN	3069	STEFF LOBSTER
23	NB	26703	INKERMAN	2364	PECHERIES DE CHEZ NOUS LTEE
23	NB	26703	INKERMAN	2464	K. & K. EXPORT LTD.
23	NB	26703	INKERMAN	3014	BARRY GROUP NB INC.
23	NB	26714	LE GOULET	2182	L'ASSOC. CO-OP. PECHEURS L'ILE LAMEQUE
23	NB	26714	LE GOULET	2201	MARCHE DE POISSON M. LANTEIGNE
23	NB	26714	LE GOULET	2464	K. & K. EXPORT LTD.
23	NB	26714	LE GOULET	2474	R. C. SEAFOOD
23	NB	26714	LE GOULET	3028	ENTREPRISES DU PHARE
23	NB	26811	TRACADIE	2364	PECHERIES DE CHEZ NOUS LTEE
23	NB	26811	TRACADIE	2464	K. & K. EXPORT LTD.
23	NB	26817	VAL COMEAU	2364	PECHERIES DE CHEZ NOUS LTEE
23	NB	26817	VAL COMEAU	2495	C. K. FISH BUYER LTD.
23	NB	26817	VAL COMEAU	3014	BARRY GROUP NB INC.
23	NB	26817	VAL COMEAU	3058	LA PINCE ROUGE INC.

Fishing Area based on Licence	Province of the Place Landed	Place Landed	Community Description	Buyer Code (First 4 digits)	Buyer Name
23	NB	27003	BURNT CHURCH	2209	EMERY J. SAVOIE & FILS LTEE
23	NB	27003	BURNT CHURCH	3014	BARRY GROUP NB INC.
23	NB	27008	NEGUAC	2209	EMERY J. SAVOIE & FILS LTEE
23	NB	27008	NEGUAC	2495	C. K. FISH BUYER LTD.
23	NB	27008	NEGUAC	3014	BARRY GROUP NB INC.
23	NB	27008	NEGUAC	3036	JOSEPH E. CORMIER
23	NB	27013	MCEACHERN POINT	2209	EMERY J. SAVOIE & FILS LTEE
23	NB	27013	MCEACHERN POINT	2364	PECHERIES DE CHEZ NOUS LTEE
23	NB	27013	MCEACHERN POINT	2474	R. C. SEAFOOD
23	NB	27013	MCEACHERN POINT	2495	C. K. FISH BUYER LTD.
23	NB	27013	MCEACHERN POINT	3014	BARRY GROUP NB INC.
23	NB	27305	ESCUMINAC	2269	BAIE STE-ANNE SEAFOOD
23	NB	27305	ESCUMINAC	3069	STEFF LOBSTER
23	NB	27305	ESCUMINAC	3072	P.O. FISHERIES LTD
23	NB	27313	BRANSFIELD	2364	PECHERIES DE CHEZ NOUS LTEE
25	NB	27504	LOGGIECROFT	2233	B. A. RICHARD LTEE.
25	NB	27504	LOGGIECROFT	2474	R. C. SEAFOOD
25	NB	27504	LOGGIECROFT	3014	BARRY GROUP NB INC.
25	NB	27504	LOGGIECROFT	3045	MARVEN KELLY
23	NB	27505	POINT SAPIN	2182	L'ASSOC. CO-OP. PECHEURS L'ILE LAMEQUE
25	NB	27505	POINT SAPIN	2182	L'ASSOC. CO-OP. PECHEURS L'ILE LAMEQUE
25	NB	27505	POINT SAPIN	2269	BAIE STE-ANNE SEAFOOD
25	NB	27505	POINT SAPIN	2474	R. C. SEAFOOD
25	NB	27505	POINT SAPIN	3072	P.O. FISHERIES LTD
25	NB	27506	ST. LOUIS	2474	R. C. SEAFOOD
25	NB	27507	CAP ST. LOUIS	2233	B. A. RICHARD LTEE.
25	NB	27507	CAP ST. LOUIS	2474	R. C. SEAFOOD
25	NB	27507	CAP ST. LOUIS	3030	POISSONNERIE MAZEROLLE FISH MARKET INC.
25	NB	27507	CAP ST. LOUIS	3036	JOSEPH E. CORMIER
25	NB	27603	CAP LUMIERE	2233	B. A. RICHARD LTEE.
25	NB	27603	CAP LUMIERE	2474	R. C. SEAFOOD

Fishing Area based on Licence	Province of the Place Landed	Place Landed	Community Description	Buyer Code (First 4 digits)	Buyer Name
25	NB	27603	CAP LUMIERE	3036	JOSEPH E. CORMIER
25	NB	27603	CAP LUMIERE	3073	CAP LUMIERE FISHING SUPPLIES, INC
25	NB	27610	RICHIBUCTO	2233	B. A. RICHARD LTEE.
25	NB	27610	RICHIBUCTO	2277	A & R FISH BUYERS
25	NB	27610	RICHIBUCTO	2474	R. C. SEAFOOD
25	NB	27610	RICHIBUCTO	3014	BARRY GROUP NB INC.
25	NB	27610	RICHIBUCTO	3036	JOSEPH E. CORMIER
25	NB	27612	STE. ANNE DE KENT	2474	R. C. SEAFOOD
25	NB	27617	BIG COVE	2474	R. C. SEAFOOD
25	NB	27701	BOUCTOUCHE	2474	R. C. SEAFOOD
25	NB	27703	CAISSIE'S CAPE	2250	WESTMORLAND FISHERIES LTD.
25	NB	27709	ST. EDOUARD	2233	B. A. RICHARD LTEE.
25	NB	27709	ST. EDOUARD	2474	R. C. SEAFOOD
25	NB	27712	ST. THOMAS	2474	R. C. SEAFOOD
25	NB	27713	COCAGNE BAR	2246	CAPE BALD PACKERS LTD.
25	NB	27713	COCAGNE BAR	2474	R. C. SEAFOOD
25	NB	27717	COTE STE. ANNE/CHOCKPISH	2233	B. A. RICHARD LTEE.
25	NB	27717	COTE STE. ANNE/CHOCKPISH	2474	R. C. SEAFOOD
25	NB	27717	COTE STE. ANNE/CHOCKPISH	3073	CAP LUMIERE FISHING SUPPLIES, INC
25	NB	27807	BAS CAP PELE	2246	CAPE BALD PACKERS LTD.
25	NB	27807	BAS CAP PELE	2250	WESTMORLAND FISHERIES LTD.
25	NB	27808	POINTE DU CHENE	2244	SHEDIAC LOBSTER SHOP LTD.
25	NB	27809	ROBICHAUD	2246	CAPE BALD PACKERS LTD.
25	NB	27812	ABOUJAGANE	2246	CAPE BALD PACKERS LTD.
25	NB	27821	ABOITEAU	2246	CAPE BALD PACKERS LTD.
25	NB	27821	ABOITEAU	2250	WESTMORLAND FISHERIES LTD.
25	NB	28003	CAPE TORMENTINE	2244	SHEDIAC LOBSTER SHOP LTD.
25	NB	28003	CAPE TORMENTINE	2603	B & C SHELLFISH INC.
25	NB	28007	PETIT CAP	2246	CAPE BALD PACKERS LTD.
25	NB	28007	PETIT CAP	2250	WESTMORLAND FISHERIES LTD.
25	NB	28007	PETIT CAP	2361	PIER 99 PRODUCTS LTD. (REGIS CORMIER)

Fishing Area based on Licence	Province of the Place Landed	Place Landed	Community Description	Buyer Code (First 4 digits)	Buyer Name
25	NB	28015	BOTSFORD	2027	CHASE'S LOBSTER LTD
25	NB	28015	BOTSFORD	2244	SHEDIAC LOBSTER SHOP LTD.
25	NB	28015	BOTSFORD	2603	B & C SHELLFISH INC.

Fishing Area based on Licence	Province of the Place Landed	Place Landed	Community Description	Buyer Code (First 4 digits)	Buyer Name
25	PE	38207	HOWARD'S COVE	2509	MADDIX SEAFOOD CONNECTION
25	PE	38207	HOWARD'S COVE	2649	ARSENAULT FISH MART INC.
25	PE	38207	HOWARD'S COVE	2832	ACADIAN SUPREME INC
25	PE	38208	MIMINEGASH	2544	ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP
25	PE	38208	MIMINEGASH	2608	L & S MARKETING LTD.
25	PE	38208	MIMINEGASH	2816	RED COVE SEAFOOD PRODUCTS
25	PE	38208	MIMINEGASH	2832	ACADIAN SUPREME INC
25	PE	38215	SKINNER'S POND	2544	ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP
25	PE	38215	SKINNER'S POND	2608	L & S MARKETING LTD.
25	PE	38215	SKINNER'S POND	2816	RED COVE SEAFOOD PRODUCTS
25	PE	38215	SKINNER'S POND	2831	MARITIME SELECT LOBSTER INC
25	PE	38218	WEST POINT	2501	HOWARD'S COVE SEAFOODS
25	PE	38218	WEST POINT	2509	MADDIX SEAFOOD CONNECTION
25	PE	38218	WEST POINT	2544	ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP
25	PE	38218	WEST POINT	2816	RED COVE SEAFOOD PRODUCTS
25	PE	38218	WEST POINT	2832	ACADIAN SUPREME INC
25	PE	38219	WEST CAPE	2832	ACADIAN SUPREME INC
25	PE	38302	BORDEN	2649	ARSENAULT FISH MART INC.
26A	PE	38302	BORDEN	2793	BY THE WATER SHELLFISH
25	PE	38302	BORDEN	2793	BY THE WATER SHELLFISH
25	PE	38303	CAPE EGMONT	2649	ARSENAULT FISH MART INC.
25	PE	38303	CAPE EGMONT	2832	ACADIAN SUPREME INC
25	PE	38305	EGMONT BAY	2649	ARSENAULT FISH MART INC.
25	PE	38305	EGMONT BAY	2832	ACADIAN SUPREME INC
25	PE	38306	HIGGINS WHARF	2649	ARSENAULT FISH MART INC.
25	PE	38306	HIGGINS WHARF	2832	ACADIAN SUPREME INC
25	PE	38310	SUMMERSIDE	2649	ARSENAULT FISH MART INC.
26A	PE	38505	NINE MILE CREEK	2511	MACCORMACKS SEAFOOD & PRODUCE 1985 LTD.
26A	PE	38505	NINE MILE CREEK	2551	FRENCH RIVER CANNERY LTD.
26A	PE	38505	NINE MILE CREEK	2562	CAVENDISH SEAFOODS INC.
26A	PE	38505	NINE MILE CREEK	2649	ARSENAULT FISH MART INC.

Fishing Area based on Licence	Province of the Place Landed	Place Landed	Community Description	Buyer Code (First 4 digits)	Buyer Name
26A	PE	38507	VICTORIA	2511	MACCORMACKS SEAFOOD & PRODUCE 1985 LTD.
26A	PE	38507	VICTORIA	2793	BY THE WATER SHELLFISH
26A	PE	38608	PINETTE	2768	WATER PRINCE CORNER SHOP
26A	PE	38608	PINETTE	2829	SEA'N'SEA
26A	PE	38614	WOOD ISLAND	2514	BELLE RIVER ENTERPRISES
26A	PE	38614	WOOD ISLAND	2570	MACHON'S POINT FISHERMEN CO-OP
26A	PE	38614	WOOD ISLAND	2812	NORTH LAKE FISHERIES (2013) INC.
26A	PE	38615	MACAULAYS WHARF	2570	MACHON'S POINT FISHERMEN CO-OP
26A	PE	38701	BEACH POINT	2021	LOVE ME FISH & LOBSTER INC.
26A	PE	38701	BEACH POINT	2545	MILLIGAN FISHERIES LTD.
26A	PE	38701	BEACH POINT	2570	MACHON'S POINT FISHERMEN CO-OP
26A	PE	38701	BEACH POINT	2795	ROBERT MCCARTHY
26A	PE	38701	BEACH POINT	2812	NORTH LAKE FISHERIES (2013) INC.
24	PE	38701	BEACH POINT	2812	NORTH LAKE FISHERIES (2013) INC.
26A	PE	38701	BEACH POINT	2821	BRADLEY MACKAY
26A	PE	38701	BEACH POINT	2822	CURTIS BUTLER
26A	PE	38701	BEACH POINT	2823	DEAN LIVINGSTONE
26A	PE	38701	BEACH POINT	2824	JEFF WHITE
26A	PE	38701	BEACH POINT	2825	KENT CLEMENTS
26A	PE	38701	BEACH POINT	2827	RICHARD WHITE
26A	PE	38701	BEACH POINT	2834	WHY KNOT GIT R DUN ENTERPRISES
26A	PE	38701	BEACH POINT	2838	RED ROCK SEAFOODS LTD.
26A	PE	38706	GEORGETOWN	2638	SEAFOOD 2000
24	PE	38706	GEORGETOWN	2813	ANNANDALE FISHERIES
26A	PE	38706	GEORGETOWN	2813	ANNANDALE FISHERIES
26A	PE	38707	LAUNCHING	2021	LOVE ME FISH & LOBSTER INC.
26A	PE	38707	LAUNCHING	2570	MACHON'S POINT FISHERMEN CO-OP
26A	PE	38707	LAUNCHING	2603	B & C SHELLFISH INC.
26A	PE	38707	LAUNCHING	2638	SEAFOOD 2000
26A	PE	38707	LAUNCHING	2789	COLVILLE BAY OYSTER CO. LTD.
26A	PE	38707	LAUNCHING	2795	ROBERT MCCARTHY

Fishing Area based on Licence	Province of the Place Landed	Place Landed	Community Description	Buyer Code (First 4 digits)	Buyer Name
26A	PE	38709	LOWER MONTAGUE	2603	B & C SHELLFISH INC.
26A	PE	38710	MONTAGUE	2570	MACHON'S POINT FISHERMEN CO-OP
26A	PE	38710	MONTAGUE	2603	B & C SHELLFISH INC.
26A	PE	38714	NEWPORT	2638	SEAFOOD 2000
26A	PE	38716	STURGEON	2570	MACHON'S POINT FISHERMEN CO-OP
26A	PE	38720	GRAHAM'S POND	2545	MILLIGAN FISHERIES LTD.
26A	PE	38720	GRAHAM'S POND	2570	MACHON'S POINT FISHERMEN CO-OP
26A	PE	38720	GRAHAM'S POND	2603	B & C SHELLFISH INC.
26A	PE	38720	GRAHAM'S POND	2638	SEAFOOD 2000
26A	PE	38720	GRAHAM'S POND	2795	ROBERT MCCARTHY
26A	PE	38735	MACHON POINT	2570	MACHON'S POINT FISHERMEN CO-OP
26A	PE	38738	MINK RIVER	2603	B & C SHELLFISH INC.
26A	PE	38738	MINK RIVER	2795	ROBERT MCCARTHY
24	PE	38801	SOURIS	2021	LOVE ME FISH & LOBSTER INC.
26A	PE	38801	SOURIS	2021	LOVE ME FISH & LOBSTER INC.
26A	PE	38801	SOURIS	2032	SEABRIGHT FISHERIES LTD.
24	PE	38801	SOURIS	2244	SHEDIAC LOBSTER SHOP LTD.
26A	PE	38801	SOURIS	2244	SHEDIAC LOBSTER SHOP LTD.
26A	PE	38801	SOURIS	2638	SEAFOOD 2000
26A	PE	38801	SOURIS	2812	NORTH LAKE FISHERIES (2013) INC.
26A	PE	38801	SOURIS	2813	ANNANDALE FISHERIES
26A	PE	38802	ANNANDALE	2570	MACHON'S POINT FISHERMEN CO-OP
26A	PE	38802	ANNANDALE	2603	B & C SHELLFISH INC.
26A	PE	38802	ANNANDALE	2789	COLVILLE BAY OYSTER CO. LTD.
24	PE	38802	ANNANDALE	2813	ANNANDALE FISHERIES
26A	PE	38802	ANNANDALE	2813	ANNANDALE FISHERIES
26A	PE	38813	FORTUNE	2515	MACKINNON'S LOBSTER POUND
26A	PE	38813	FORTUNE	2545	MILLIGAN FISHERIES LTD.
26A	PE	38813	FORTUNE	2603	B & C SHELLFISH INC.
26A	PE	38813	FORTUNE	2812	NORTH LAKE FISHERIES (2013) INC.
24	PE	38819	NAUFRAGE	2244	SHEDIAC LOBSTER SHOP LTD.

Fishing Area based on Licence	Province of the Place Landed	Place Landed	Community Description	Buyer Code (First 4 digits)	Buyer Name
24	PE	38819	NAUFRAGE	2545	MILLIGAN FISHERIES LTD.
24	PE	38819	NAUFRAGE	2570	MACHON'S POINT FISHERMEN CO-OP
24	PE	38819	NAUFRAGE	2603	B & C SHELLFISH INC.
24	PE	38819	NAUFRAGE	2638	SEAFOOD 2000
24	PE	38819	NAUFRAGE	2789	COLVILLE BAY OYSTER CO. LTD.
24	PE	38819	NAUFRAGE	2795	ROBERT MCCARTHY
24	PE	38819	NAUFRAGE	2812	NORTH LAKE FISHERIES (2013) INC.
24	PE	38820	NORTH LAKE	2032	SEABRIGHT FISHERIES LTD.
24	PE	38820	NORTH LAKE	2244	SHEDIAC LOBSTER SHOP LTD.
24	PE	38820	NORTH LAKE	2545	MILLIGAN FISHERIES LTD.
26A	PE	38820	NORTH LAKE	2570	MACHON'S POINT FISHERMEN CO-OP
24	PE	38820	NORTH LAKE	2570	MACHON'S POINT FISHERMEN CO-OP
24	PE	38820	NORTH LAKE	2638	SEAFOOD 2000
24	PE	38820	NORTH LAKE	2789	COLVILLE BAY OYSTER CO. LTD.
24	PE	38820	NORTH LAKE	2795	ROBERT MCCARTHY
24	PE	38820	NORTH LAKE	2812	NORTH LAKE FISHERIES (2013) INC.
24	PE	38820	NORTH LAKE	2813	ANNANDALE FISHERIES
24	PE	38820	NORTH LAKE	2818	BASIN VIEW SEAFOODS INC.
24	PE	38821	RED HEAD	2021	LOVE ME FISH & LOBSTER INC.
24	PE	38821	RED HEAD	2032	SEABRIGHT FISHERIES LTD.
24	PE	38821	RED HEAD	2244	SHEDIAC LOBSTER SHOP LTD.
24	PE	38821	RED HEAD	2545	MILLIGAN FISHERIES LTD.
24	PE	38821	RED HEAD	2812	NORTH LAKE FISHERIES (2013) INC.
24	PE	38824	SAVAGE HARBOUR	2603	B & C SHELLFISH INC.
24	PE	38824	SAVAGE HARBOUR	2638	SEAFOOD 2000
24	PE	38824	SAVAGE HARBOUR	2784	SAVAGE HARBOUR FISHERIES SERVICE INC.
24	PE	39207	ELMSDALE	2604	HARDY'S CHANNEL FISHERMAN CO-OP
24	PE	39212	SEACOW POND	2544	ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP
25	PE	39212	SEACOW POND	2544	ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP
25	PE	39212	SEACOW POND	2608	L & S MARKETING LTD.
24	PE	39212	SEACOW POND	2608	L & S MARKETING LTD.

Fishing Area based on Licence	Province of the Place Landed	Place Landed	Community Description	Buyer Code (First 4 digits)	Buyer Name
25	PE	39212	SEACOW POND	2812	NORTH LAKE FISHERIES (2013) INC.
25	PE	39214	TIGNISH RUN	2544	ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP
24	PE	39214	TIGNISH RUN	2544	ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP
24	PE	39214	TIGNISH RUN	2608	L & S MARKETING LTD.
24	PE	39230	NORTHPORT	2546	ALBERTON FISHERIES LTD.
24	PE	39230	NORTHPORT	2608	L & S MARKETING LTD.
24	PE	39230	NORTHPORT	2816	RED COVE SEAFOOD PRODUCTS
24	PE	39230	NORTHPORT	2831	MARITIME SELECT LOBSTER INC
24	PE	39306	DARNLEY	2509	MADDIX SEAFOOD CONNECTION
24	PE	39306	DARNLEY	2649	ARSENAULT FISH MART INC.
24	PE	39306	DARNLEY	2818	BASIN VIEW SEAFOODS INC.
24	PE	39307	ELLERSLIE	2604	HARDY'S CHANNEL FISHERMAN CO-OP
24	PE	39312	MALPEQUE	2509	MADDIX SEAFOOD CONNECTION
24	PE	39312	MALPEQUE	2549	CABOT FISHERMEN'S / MALPEQUE FISH CO-OP
24	PE	39312	MALPEQUE	2640	BLUE HERON SEAFOODS
24	PE	39312	MALPEQUE	2818	BASIN VIEW SEAFOODS INC.
24	PE	39328	LENNOX ISLAND	2649	ARSENAULT FISH MART INC.
24	PE	39328	LENNOX ISLAND	2773	FISHERMAN'S PRIDE
24	PE	39340	MILLIGAN'S WHARF	2604	HARDY'S CHANNEL FISHERMAN CO-OP
24	PE	39340	MILLIGAN'S WHARF	2649	ARSENAULT FISH MART INC.
24	PE	39340	MILLIGAN'S WHARF	2812	NORTH LAKE FISHERIES (2013) INC.
24	PE	39340	MILLIGAN'S WHARF	2831	MARITIME SELECT LOBSTER INC
24	PE	39503	FRENCH RIVER	2509	MADDIX SEAFOOD CONNECTION
24	PE	39503	FRENCH RIVER	2514	BELLE RIVER ENTERPRISES
24	PE	39503	FRENCH RIVER	2551	FRENCH RIVER CANNERY LTD.
24	PE	39503	FRENCH RIVER	2555	L & C FISHERIES
24	PE	39503	FRENCH RIVER	2603	B & C SHELLFISH INC.
24	PE	39503	FRENCH RIVER	2649	ARSENAULT FISH MART INC.
24	PE	39503	FRENCH RIVER	2794	JMK FISH MART
24	PE	39503	FRENCH RIVER	2818	BASIN VIEW SEAFOODS INC.
24	PE	39503	FRENCH RIVER	2837	J MAC FISHERIES

Fishing Area based on Licence	Province of the Place Landed	Place Landed	Community Description	Buyer Code (First 4 digits)	Buyer Name
24	PE	39504	NORTH RUSTICO	2514	BELLE RIVER ENTERPRISES
24	PE	39504	NORTH RUSTICO	2553	DOIRON FISHERIES
24	PE	39504	NORTH RUSTICO	2562	CAVENDISH SEAFOODS INC.
24	PE	39504	NORTH RUSTICO	2649	ARSENAULT FISH MART INC.
25	PE	39504	NORTH RUSTICO	2649	ARSENAULT FISH MART INC.
24	PE	39504	NORTH RUSTICO	2818	BASIN VIEW SEAFOODS INC.
24	PE	39505	PARK CORNER	2551	FRENCH RIVER CANNERY LTD.
24	PE	39507	STANLEY BRIDGE	2649	ARSENAULT FISH MART INC.
24	PE	39510	NEW LONDON	2649	ARSENAULT FISH MART INC.
24	PE	39602	COVEHEAD	2562	CAVENDISH SEAFOODS INC.
24	PE	39602	COVEHEAD	2812	NORTH LAKE FISHERIES (2013) INC.
24	PE	39606	TRACADIE	2562	CAVENDISH SEAFOODS INC.
24	PE	39606	TRACADIE	2638	SEAFOOD 2000
24	PE	39606	TRACADIE	2784	SAVAGE HARBOUR FISHERIES SERVICE INC.

PROVINCE	NB	NS	PEI	TOTAL
# of LICENSES	1105	586	1272	2963
# of LANDINGS	35899	24880	59176	119955
# of WHARVES	54	49	64	167
AVG # LANDINGS				
PER WHARF	665	508	925	718

LFA	23	24	25	26A	26B	TOTAL	
# of LICENSES	679	683	647	736	218	2963	
# of LANDINGS	21869	31043	25173	32424	9446	119955	
# of WHARVES	31	29	39	52	18	169	*
AVG # LANDINGS							
PER WHARF	705	1070	645	624	525	710	*

*Pugwash/Victoria are listed used for both LFA 25/26A

s.19(1)

Lemay, Gaëlle

From: Lonnie McNeill [REDACTED]
Sent: March-13-18 9:04 PM
To: Lemay, Gaëlle
Subject: Summary of Today's Discussions
Attachments: Stats Visit 18-03-13.docx

Hi Gaëlle:

I have attached a summary of what we talked about today. Please feel free to correct anything I may not have captured correctly, or add anything I missed. Thank you very much for taking the time to explain the intricacies and flow of data, and the possible impact of this initiative on your office; not to mention the [REDACTED] display of Excel manipulation!

I believe ZIFF stands for Zonal Interchange File Format.

Hasta luego,
Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

Visit/Discussion with Gaëlle Lemay, Chief Statistics - 13 March 2018

The purpose of the discussion was to:

- learn how lobster data is currently gathered;
- consider the impact of implementing catch monitoring for lobster from the Statistics perspective; and
- examine statistics previously provided by Gaëlle to determine what would be useful to present to DMC staff, and what should be used in the study report.

Current Process

The lobster fishers complete a Logbook that was introduced in 2014. The logbook is obtained from an independent supplier whose product has been approved by DFO. The Logbook sheets from the fishers are mailed to DFO. Staff in Central Records stamp the sheets and file them by LFA and License. Purchase Slips are also received from buyers. The Logbook information is entered into the GFIS by data entry clerks and, where practicable, correlated with the information from the Purchase Slips. This is a very time-consuming process and often the link between the Log and Purchase Slips is not clear. As a result, lobster takes up approximately 80% of the workload in Statistics and the data used for analysis is time late. This situation has been exacerbated by a reduction in staff (three out of eight) that took place 3 ½ years ago, although three casual staff work 90 days every year doing data entry.

There is an initiative to move to an Electronic Log, potentially to include all species. In 2018 the E-Log will be introduced on a voluntary basis to Snow Crab Fishers in Area 12 and Shrimp fishers in the Gulf. Consideration is being given to follow with E-Logs for Mackerel and Lobster in 2019.

Impact of Implementing DMP Catch Monitoring for Lobster

There are significant implications for the Statistics Unit in implementing catch monitoring for lobster. There will be IT programming required to enable lobster data to fit into the DMP stream as it is not currently built/formatted that way. A high-level estimate would indicate that this would take at least six months, but this would need to be confirmed, along with an assessment of associated costs. A thorough analysis of the transition of work must be undertaken to ensure the new system will provide the best available data while resolving the current issues regarding Purchase Slips and whether you need to include/validate them. Additionally, with the prospect of having data entered by the DMCs, there is a strong likelihood that the emphasis in Statistics will shift from data input to ensuring data quality and conducting data analysis, which will impact staff composition and training requirements.

Examination of Statistics

It was determined that a listing of **# of Trips by Year, Season, Fishing Area, Province and Place Landed** would provide a very good starting point for the DMCs to consider the increased demand for their services and in which ports those services could be provided to the lobster fishery. Gaëlle is responsive to providing the data in other forms to meet the needs of DMCs.

With an abundance of data from 2003 to 2016, there will be no difficulty in answering most of the questions associated with Task 2.1.1 (Present Facts on the Gulf Region Lobster Fishery). The challenge will be to decide how it can best be presented and how far back the data should go (Gaëlle suggested five years, since the data seems consistent over that timeframe). Still to be confirmed is the number of

participants which is not a figure that is conveniently captured in any data base. Finally, the landings per wharf likely needs to be shown for each port and then perhaps presented in some fashion to highlight that some ports have thousands of landings and some ports have very few landings. To say that there are 167 ports with 119,955 landings giving an average of just over 718 landings per port provides no meaningful information when you have one port with over 6000 landings, and more than 75 ports with less than 300 landings.

In summarizing the day's discussions with Josiane, it was learned that there are some Offloading Restrictions for lobster fishers specifying some designated ports. This has not yet been examined but may help shape the development of a viable implementation plan.

s.19(1)

Lemay, Gaëlle

From: Lonnie McNeill [redacted]
Sent: May-29-18 4:16 PM
To: Massiera, Josiane
Cc: Peter Johnston; Mallet, Pierre; LeBlanc, Carole L; Lemay, Gaëlle
Subject: Re: Draft Report

Thanks Josiane - I'll take a look at that.

Lonnie

On May 29, 2018 14:13, "Massiera, Josiane" <Josiane.Massiera@dfo-mpo.gc.ca> wrote:

Lonnie, I just noticed that you are identifying Stats as the source of the data for those tables. Could you add that they are from the sales slips (some might think they are from the logbooks).

Also, I suggest removing column "licences" and "Average Trips per licence" in Table 5, 6, 7. The most important fact here is to show how busy the wharves are.

Josiane

From: Lonnie McNeill [mailto:[redacted]]
Sent: May-29-18 2:46 PM
To: Lemay, Gaëlle
Cc: Massiera, Josiane; Peter Johnston
Subject: Re: Draft Report

Thanks very much Gaelle. I will incorporate your suggestions.

Thanks again,

Lonnie

On Tue, May 29, 2018, 11:50 Lemay, Gaëlle, <Gaelle.Lemay@dfo-mpo.gc.ca> wrote:

Hi Lonnie, overall the data looks good. Just a couple of comments.

I would replace Table 1 in 2.1.1 with the following table without the confusion of the percentages. It still works with the comments you've made under the table as you only mentioned the total number of trips and the trend.

Year	# of licence	# of trips
2003	3,273	126964
2004	3,330	125722
2005	3,301	126188
2006	3,253	128355
2007	3,262	130950
2008	3,297	124110
2009	3,232	124414
2010	3,206	117564
2011	3,056	116356
2012	3,011	119844
2013	3,136	110965
2014	3,046	120275
2015	3,057	116710
2016	2,963	119955

Table 3. As mentioned in your comments under Table 4, an average of trips per wharf is not very useful information as there is such a large difference by wharf (number of trips fall anywhere between 1 and 6091 trips per wharf). Same goes for Table 4.

I double-checked your numbers in Table 5, Table 6 and Table 7 specifically in regards to the average no. of trips per licence and all is good. There is actually a low number of trips per licence in the ports highlighted in yellow. Something for me to look at eventually as this leads me to believe that I am missing slips/data.

Thanks for allowing me the time to review these more carefully. Don't hesitate to let me know if you have any questions.

Regards,

Gaëlle Lemay

Regional Manager, Statistics Division, Strategic Services, Gulf Region

Fisheries and Oceans Canada/Government of Canada

gaelle.lemay@dfo-mpo.gc.ca/Tel: 506-851-7822/Fax: 506-851-7732

Gestionnaire régionale, Division des statistiques, Services Stratégiques, Région du Golfe

Pêches et Océans Canada/Gouvernement du Canada

gaelle.lemay@dfo-mpo.gc.ca /Tél: 506-851-7822/Télécopieur: 506-851-7732

If you have received this communication by mistake, please notify the sender immediately and delete the communication without printing, copying or forwarding it. Thank you.

Si vous avez reçu cette communication par erreur, veuillez en aviser l'expéditeur immédiatement et la supprimer sans l'imprimer, la copier, ou la faire suivre. Merci.

From: Massiera, Josiane

Sent: May-22-18 3:53 PM

To: Lonnie McNeill

Cc: Peter Johnston; Lemay, Gaëlle; Rondeau, Amélie; Comeau, Sandra J; Dwyer, Alan; LeBlanc, Carole L; Mallet, Pierre; Lapierre, Daniel; MacLachlan, Mark; Moore, Benjamin

Subject: RE: Draft Report

Hello Lonnie,

I have gathered the comments from the project team, which are included directly in the report. Gaëlle is trying to run some reports to verify some of the tables, but is having trouble with the system. She will try again tomorrow morning.

She will therefore send her comments later.

We look forward to receiving the final report and I am available to meet again to discuss.

Josiane

From: Lonnie McNeill [mailto:]
Sent: May-01-18 7:34 AM
To: Massiera, Josiane
Cc: Peter Johnston
Subject: Draft Report

Good morning Josiane:

Please find subject report for review by you and your team.

You will see that following our Options discussions last week, we changed Option 2 to 5% Monitoring from the original 25-75% and we have dropped Data Entry with Some Monitoring as it was too similar to 5% Monitoring. Then we added a new option which was Delay in Monitoring Until 2020 which had identified earlier as a possible variation.

It may be that the reviewers would place a different weight for the factors, and that can be amended as you see fit.

I know it is not intended to change the format of the log book, but we have have suggested that it would help if all the required information could be on one document.

With one month until the Final Report is due, we will continue to refine the document and incorporate recommendations from you and your colleagues.

Thanks very much,

Lonnie

Lonnie McNeill

Associate

Lansdowne Technologies Inc.

[Redacted] (Cell)

Lemay, Gaëlle

From: Massiera, Josiane
Sent: February-11-19 11:37 AM
To: Lemay, Gaëlle
Subject: RE: Données sur les débarquements de homard (pour DMP)

Follow Up Flag: Follow up
Flag Status: Flagged

Je me demandais si ça valait la peine, mais en regardant les données de débarquements, ils semblent qu'il y a quand même eu une bonne augmentation entre 2016 et 2017, donc je pense que oui.

D'accord pour plus tard.

Josiane

From: Lemay, Gaëlle
Sent: February-11-19 11:30 AM
To: Massiera, Josiane
Cc: Robichaud-Hache, Melanie
Subject: RE: Données sur les débarquements de homard (pour DMP)

S'aurait été plus facile de faire le tout en même temps mais ça ce fait.

Aussi, c'est un gros rapport et requiert donc l'aide du programmeur (sinon ça ralentit tous le réseau). Ça se peut donc que ce ne soit pas disponible avant plus tard cette semaine.

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: February-11-19 11:20 AM
To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>
Cc: Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>
Subject: RE: Données sur les débarquements de homard (pour DMP)

Est-ce que ça serait long de fournir le nombre de trips et le nombre de permis par port? Les compagnies de DMC ont les données 2010-2016 mais demandait pour les données 2017.

Josiane

From: Lemay, Gaëlle
Sent: February-11-19 11:09 AM
To: Massiera, Josiane
Cc: Robichaud-Hache, Melanie
Subject: RE: Données sur les débarquements de homard (pour DMP)

Je sais, je l'ai noté. Cette information est préliminaire et n'a pas encore été validée en plein.

On peut supprimer cette rangée. Il sera important de noter à tout le monde que l'information est préliminaire et peut inclure des erreurs.

Gaëlle

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: February-11-19 11:06 AM
To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>

Cc: Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>

Subject: RE: Données sur les débarquements de homard (pour DMP)

Merci. La ligne 33 du NB indique LFA 26A pour Miscou??

26A NB 26611 MISCOU HARBOUR

3021 MISCOU HARBOUR ENTERPRISE INC.

From: Lemay, Gaëlle

Sent: February-11-19 10:19 AM

To: Massiera, Josiane

Cc: Robichaud-Hache, Melanie

Subject: RE: Données sur les débarquements de homard (pour DMP)

Voici

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>

Sent: February-11-19 8:21 AM

To: Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>

Cc: Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>

Subject: RE: Données sur les débarquements de homard (pour DMP)

Bonjour Gaëlle,

Pourrais-tu sortir la liste des acheteurs par quai pour 2017?

Josiane

From: Lemay, Gaëlle

Sent: January-31-19 10:49 AM

To: Massiera, Josiane

Subject: Données sur les débarquements de homard (pour DMP)

Voici les rapports qui pourraient vous donner une idée de la fréquence des débarquements par quai. J'ai aussi incluse le rapport des acheteurs par quai.

L'information 2018 n'est pas disponible (car on entre encore les données) et ajouter l'information pour 2017 demanderait de l'effort qui n'est pas nécessaire si on cherche juste à déterminer les habitudes des pêcheurs.

Tel que discuté, ce serait peut-être plus facile de communiquer avec les Associations d'usines plutôt que communiquer avec les acheteurs individuelles afin de savoir s'ils seraient ouverts à travailler avec les Compagnie de vérification à quai.

Hésite-pas de me rejoindre si tu as besoin d'autre chose!

Gaëlle Lemay

Regional Manager, Statistics Division, Strategic Services, Gulf Region

Fisheries and Oceans Canada/Government of Canada

gaëlle.lemay@dfo-mpo.gc.ca/Tel: 506-851-7822/Fax: 506-851-7732

Gestionnaire régionale, Division des statistiques, Services Stratégiques, Région du Golfe
Pêches et Océans Canada/Gouvernement du Canada

gaelle.lemay@dfo-mpo.gc.ca /Tél: 506-851-7822/Télécopieur: 506-851-7732

If you have received this communication by mistake, please notify the sender immediately and delete the communication without printing, copying or forwarding it. Thank you. / Si vous avez reçu cette communication par erreur, veuillez en aviser l'expéditeur immédiatement et la supprimer sans l'imprimer, la copier, ou la faire suivre. Merci.

LeBlanc, Carole L

From: LeBlanc, Carole L
Sent: Monday, February 18, 2019 12:47 PM
To: Schjott, Natalie
Cc: Hemken, Susana
Subject: RE: Catch Monitoring -

Yes, we've changed the priorities to match the funds allocated to regions (284k).
 Carole

From: Schjott, Natalie <Natalie.Schjott@dfo-mpo.gc.ca>
Sent: Monday, February 18, 2019 12:43 PM
To: LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>
Cc: Hemken, Susana <Susana.Hemken@dfo-mpo.gc.ca>
Subject: RE: Catch Monitoring -

Thank you.

Just so we capture accurately, its proposals 4/A, 5/B and 9/E (now Gulf3-01; Gulf3-02 and Gulf3-05) at the costs listed immediately below? Sorry, there are a lot of costs in your email and I just want to note it correctly.

Proposal 4	Catch monitoring-Southern Gulf Lobster (LFA 23, 24, 25, 26A and 26B)	\$250,000.00
Proposal 5	E-DMP	
Proposal 9	Improvement in existing IVR system to add hail out for the mackerel fishery	

s.21(1)(a)

s.21(1)(b)

From: LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>
Sent: February-18-19 8:10 AM
To: Schjott, Natalie <Natalie.Schjott@dfo-mpo.gc.ca>
Cc: LeCouffe, Marc <Marc.LeCouffe@dfo-mpo.gc.ca>
Subject: FW: Catch Monitoring -
Importance: High

Hi Natalie,

Please see the Gulf Region's proposals. We would like to use the full amount allocated to regions (284k). We were able to adjust the cost of proposal 9 for the amount of [REDACTED].

s.21(1)(a)

s.21(1)(b)

Proposal 4	Catch monitoring-Southern Gulf Lobster (LFA 23, 24, 25, 26A and 26B)	\$250,000.00	\$284,328.00
Proposal 5	E-DMP		
Proposal 9	Improvement in existing IVR system to add hail out for the mackerel fishery		

Carole LeBlanc
 Regional Manager, Fisheries and Aquaculture Management

Gestionnaire régionale, Gestion des pêches et aquaculture
343 Université Ave. Moncton, NB E1C 9B6
Telephone | Téléphone: 506-851-2147
Faxsimile | Télécopieur: 506-851-2620
Internet: Carole.LeBlanc@dfo-mpo.gc.ca

LeBlanc, Carole L

From: LeBlanc, Carole L
Sent: Wednesday, February 13, 2019 2:56 PM
To: LeCouffe, Marc
Subject: Fw: Lobster Dockside Monitoring Update

Voir quelques commentaires des bureaux de secteurs. Tel que tu es au courant, l'industrie n'est pas en faveur.
Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>
Sent: Wednesday, February 13, 2019 2:43 PM
To: Massiera, Josiane; Dwyer, Alan; LeBlanc, Carole L
Cc: Dupuis, Monique; Moore, Benjamin; Lemay, Gaëlle
Subject: Re: Lobster Dockside Monitoring Update

Looks good to me. Maybe to add a bit to Alan's point that it would be good to have a coordinated or collaborative approach between monitors and C&P officers to facilitate the transaction with fish harvesters at the wharves at least for the first weeks.

Thanks Josiane.

Sandra

Get [Outlook for iOS](#)

On Wed, Feb 13, 2019 at 2:25 PM -0400, "Massiera, Josiane" <Josiane.Massiera@dfo-mpo.gc.ca> wrote:

Good point added below. Thanks

From: Dwyer, Alan
Sent: February-13-19 2:04 PM
To: Massiera, Josiane; LeBlanc, Carole L
Cc: Dupuis, Monique; Comeau, Sandra J; Moore, Benjamin; Lemay, Gaëlle
Subject: RE: Lobster Dockside Monitoring Update

Hi Josiane,

Not sure if you wanted it mentioned in the summary of not, but an important point will be that the COL will have to be amended to require fishers to provide logs and allow catches weighed when approached by DMP. Based on comments I have heard from industry about the possibility of DMP in my area, there will be strong opposition from industry and they will not want to cooperate. This will likely increase workload for C&P.

Alan

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: Wednesday, February 13, 2019 1:09 PM

To: LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>

Cc: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Dwyer, Alan <Alan.Dwyer@dfo-mpo.gc.ca>; Moore, Benjamin <Benjamin.Moore@dfo-mpo.gc.ca>; Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>

Subject: Lobster Dockside Monitoring Update

Summary requested by Marc to discuss with Frank and RDG...If any of you wants to add something, please feel free.

Carole, feel free to remove some parts if it's too much details...

- A 2016 Report of the Commissioner of the Environment and Sustainable Development found that DFO was missing key information needed to manage Canada's public resources sustainably, including gaps in catch data and catch monitoring. Fishery monitoring and catch reporting is also consistent with general Marine Stewardship Council's (MSC) requirements (Lobster fisheries in the Gulf Region received the MSC certification).
- A feasibility study to develop an implementation plan for reliable, timely and accessible lobster catch information in the Gulf Region was conducted by a Consultant company (Lansdowne Technologies Inc.) from February to May 31, 2018. The fish harvesters' associations received notice of the study in February and teleconference and/or meetings took place with GNS fisheries representatives, PEIFA and the MFU for initial discussion (none with the processors).
- The study findings was presented by the consultant at the sGSL Lobster Advisory Committee held on December 4-5, 2018. Six options were presented: 1. Use of ELOG with Random Checks by Compliance Officers; 2. Data Entry Only; 3. Pilot Project in one LFA or Sub-Area; 4. Partial Monitoring (Commencing at 10%); 5. Full 100% Monitoring 6. Delay Monitoring Until 2020
- The majority of Fish harvesters' representatives were not in favor of implementing Dockside Monitoring for lobster, did not favor any options and several mentioned that if a Dockside Monitoring Program (DMP) is implemented in Lobster it should be done across the Regions, especially in Maritimes Region. Several also favored to start with e-Logs, which will be implemented in 2019 on a voluntary basis. Processors are supportive of implementing Dockside Monitoring for lobster.
- The current DMP cannot sustain a full 100% DMP in Lobster at this time with the current Dockside Monitoring Companies operations because of the size of the fishery; a phase-in approach is the only feasible option.
- We are exploring the option of implementing a Lobster Dockside Monitoring Audits/Spot Checks. In coordination with the C&P DMP coordinator and the area offices, we talked to each of the 6 DMCs (separately) to ask about the possibility for such a project in 2019. To date, all 6 companies thinks it is feasible. The DMCs are aware that this project is contingent of funding and approval.
- For 2019, the project is proposing to have random spot verification/audit of catch (around 10 trips per DMC per day) with no hail-in. The dockside observer will show up at a port randomly. We will provide the list of ports that each DMC needs to cover. Note that further analysis is needed for PEI, as both companies are covering around 60% of the same ports.
- DFO will have a contract with each DMC and pay for the DMC service that will include travel for the DMC observer (bulk of the cost) and specific tasks. The estimated costs requested to NHQ for this project is \$250,000. We are currently in the process of receiving quotes from the DMCs on the specific costs.
- The tasks will include: Dockside observer travel to one or two ports per day (random), asking the fish harvesters for a copy of the logbook/Elog to write down on the existing Weigh out form the

logbook/ELog # and catch estimate recorded by the fish harvesters and then record the actual catch (sales and personal use) at the buyer's station (as well to write the buyer's slip #). The only administrative part requested by DMCs' offices will be to scan the Weigh out forms and send it to DFO (the original will also be sent to DFO at the end of the season). No data entry will be required by the DMC for 2019.

- DFO will need to hire someone to enter the information either in an Excel sheet or directly in GFIS/DMP reports and flag any big discrepancy between the estimates and actuals. Note that if we want to eventually replace the buyers slips data currently entered by Stats in GFIS by the actual landings recorded by the dockside observer, it will require some additional work from Stats staff for 2019.
- DFO will also need to amend the COL to require fishers to provide logs and allow catches weighed when approached by a Dockside Monitor. Considering the opposition from industry for Dockside monitoring, This will likely increase workload for C&P; especially at the beginning of the season.
- Area of concerns will dictate where additional efforts should be placed in the future.

Josiane

LeBlanc, Carole L

From: LeBlanc, Carole L
Sent: Tuesday, January 22, 2019 7:42 PM
To: Hemken, Susana; Schjott, Natalie
Cc: LeCouffe, Marc
Subject: Catch Monitoring Proposals - Gulf Region
Attachments: Gulf CR funding proposal 2019-2020-FINAL.xlsx; YR 3 - Catch Monitoring Project Criteria Scoring (Gulf Proposal 1).docx; YR 3 - Catch Monitoring Project Criteria Scoring (Gulf Proposal 2).docx; YR 3 - Catch Monitoring Project Criteria Scoring (Gulf Proposal 3).docx; YR 3 - Catch Monitoring Project Criteria Scoring (Gulf Proposal 4).docx; YR 3 - Catch Monitoring Project Criteria Scoring (Gulf Proposal 5).docx; YR 3 - Catch Monitoring Project Criteria Scoring (Gulf Proposal 6).docx; YR 3 - Catch Monitoring Project Criteria Scoring (Gulf Proposal 7).docx; YR 3 - Catch Monitoring Project Criteria Scoring (Gulf Proposal 8).docx

Importance: High

Hello Susana and Natalie,
Please see enclosed.


Carole LeBlanc
A/Director, Resource and Aboriginal Fisheries Management
Directrice p.i., Gestion de la ressource et des pêches autochtones
343 Université Ave. Moncton, NB E1C 9B6
Telephone | Téléphone: 506-851-2147
Faxsimile | Télécopieur: 506-851-2620
Internet: Carole.LeBlanc@dfo-mpo.gc.ca

From: Hemken, Susana <Susana.Hemken@dfo-mpo.gc.ca>
Sent: Wednesday, January 16, 2019 4:12 PM
To: LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>; Schjott, Natalie <Natalie.Schjott@dfo-mpo.gc.ca>
Cc: LeCouffe, Marc <Marc.LeCouffe@dfo-mpo.gc.ca>
Subject: RE: Funding Call Out 2019-2020 Rebuilding_Plan_Gulf_en-fr (002).xlsx

Thank you for the heads up.

Susana

From: LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>
Sent: January-16-19 2:59 PM
To: Hemken, Susana <Susana.Hemken@dfo-mpo.gc.ca>; LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>; Schjott, Natalie <Natalie.Schjott@dfo-mpo.gc.ca>
Cc: LeCouffe, Marc <Marc.LeCouffe@dfo-mpo.gc.ca>
Subject: Re: Funding Call Out 2019-2020 Rebuilding_Plan_Gulf_en-fr (002).xlsx

Yes, one scallop project will be  instead of 3k.

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Hemken, Susana
Sent: Wednesday, January 16, 2019 3:37 PM
To: LeBlanc, Carole L; Schjott, Natalie
Cc: LeCouffe, Marc
Subject: RE: Funding Call Out 2019-2020 Rebuilding_Plan_Gulf_en-fr (002).xlsx

Hello Carole,

Thank you for the final RP proposal for the Gulf region.
Do you anticipate many CM proposal changes from the one initially submitted?

Regards,

Susana Hemken

A/Fisheries Management Program Officer, Fisheries Resource Management
Fisheries and Oceans Canada / Government of Canada
Susana.Hemken@dfo-mpo.gc.ca / Tel: 613-402-8541

Agente de programme de gestion des pêches/PI, Gestion des ressources halieutiques
Pêches et Océans Canada / Gouvernement du Canada
Susana.Hemken@dfo-mpo.gc.ca / Tel: 613-402-8541

From: LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>
Sent: January-16-19 9:21 AM
To: Schjott, Natalie <Natalie.Schjott@dfo-mpo.gc.ca>; Hemken, Susana <Susana.Hemken@dfo-mpo.gc.ca>
Cc: LeCouffe, Marc <Marc.LeCouffe@dfo-mpo.gc.ca>
Subject: FW: Funding Call Out 2019-2020 Rebuilding_Plan_Gulf_en-fr (002).xlsx

Hello Susana and Natalie,
Please see attached the Gulf's proposals approved by the RD FAM.

Please note, that I'll provide you with an updated CM proposal table with the attached project criteria and scoping documents on Friday.
Carole

Pages 627 to / à 629
are not relevant
sont non pertinentes

Project Criteria & Scoring

- The project criteria and scoring table below is for use by Regions and NHQ to rank their projects. All 9 criteria begin with a weighting of one, and even after the weighting for a criterion is altered, the weighting for the 9 criteria should add up to 9. The weighting a particular catch monitoring project receives will determine its rank. Projects that are identified as national and/or regional priorities will be ranked as the top priority project proposals for the year as long as the projects are consistent with the criteria above. We may need to limit the number of projects from each Region and NHQ considered national and/or regional priorities.
- Regions and NHQ are asked to rank their projects and identify their top 6 projects, as a start.
- We will seek (1) a fair distribution of funds across regions and NHQ, keeping in mind that agreeing to fund a priority project may result in one Region (including NHQ) being allocated more funds and (2) seek to fund a mix of investments in fishery/stock-specific projects and cross-cutting projects with the aim to support the implementation of the fishery monitoring policy in the priority fisheries.

Proposal 4 – Catch monitoring-Southern Gulf Lobster (LFA 23, 24, 25, 26A and 26B)

#	Criteria for Ranking Fishery Monitoring Project Proposals	Weighting	Applicable?
1	Project is aimed at one or more of the key fisheries (see list) and project falls under one of the project categories.	1	<input checked="" type="checkbox"/>
2	If cross-cutting investment: projects falls under one of the projects categories (see list) and will help implement the policy in a number of fisheries. If possible specify these fisheries.	1	<input checked="" type="checkbox"/>
3	Low risk that funds will not be spent in year allocated on the specified task/item (feasibility).	1	<input checked="" type="checkbox"/>
4	Project will deliver on objectives of the draft policy and contribute to its implementation (e.g. as measured by the four milestones: evaluation of the current monitoring program and risks; development of monitoring objectives; identify monitoring requirements; operationalize program	1	<input checked="" type="checkbox"/>
5	Project is innovative and will help improve fishery monitoring in new ways, separate from the adoption of new technologies (Criteria #6).	1	<input checked="" type="checkbox"/>
6	Project will encourage adoption of new technologies for catch reporting and fishery monitoring.	1	<input checked="" type="checkbox"/>
7	Project will create cost efficiencies, ie, deliver similar or better outcomes at a lower cost.	1	<input checked="" type="checkbox"/>
8	Project supports relationship building and Reconciliation agenda with Indigenous groups.	1	<input type="checkbox"/>
9	Project will encourage harvester participation and buy-in to improve catch reporting and monitoring.	1	<input checked="" type="checkbox"/>
		SUM	8 / 9
10*	The project is a national priority and/or regional priority due to the following factors: profile of the fishery, conservation risks, gap in catch reporting/fishery monitoring or other.	10	<input checked="" type="checkbox"/> *

Project Criteria & Scoring

- The project criteria and scoring table below is for use by Regions and NHQ to rank their projects. All 9 criteria begin with a weighting of one, and even after the weighting for a criterion is altered, the weighting for the 9 criteria should add up to 9. The weighting a particular catch monitoring project receives will determine its rank. Projects that are identified as national and/or regional priorities will be ranked as the top priority project proposals for the year as long as the projects are consistent with the criteria above. We may need to limit the number of projects from each Region and NHQ considered national and/or regional priorities.
- Regions and NHQ are asked to rank their projects and identify their top 6 projects, as a start.
- We will seek (1) a fair distribution of funds across regions and NHQ, keeping in mind that agreeing to fund a priority project may result in one Region (including NHQ) being allocated more funds and (2) seek to fund a mix of investments in fishery/stock-specific projects and cross-cutting projects with the aim to support the implementation of the fishery monitoring policy in the priority fisheries.

Proposal 5- E-DMP

#	Criteria for Ranking Fishery Monitoring Project Proposals	Weighting	Applicable?
1	Project is aimed at one or more of the key fisheries (see list) and project falls under one of the project categories.	1	<input checked="" type="checkbox"/>
2	If cross-cutting investment: projects falls under one of the projects categories (see list) and will help implement the policy in a number of fisheries. If possible specify these fisheries. The long term plan is to have data for all fisheries under DMP to be collected electronically.	1	<input checked="" type="checkbox"/>
3	Low risk that funds will not be spent in year allocated on the specified task/item (feasibility).	1	<input checked="" type="checkbox"/>
4	Project will deliver on objectives of the draft policy and contribute to its implementation (e.g. as measured by the four milestones: evaluation of the current monitoring program and risks; development of monitoring objectives; identify monitoring requirements; operationalize program	1	<input checked="" type="checkbox"/>
5	Project is innovative and will help improve fishery monitoring in new ways, separate from the adoption of new technologies (Criteria #6).	1	<input checked="" type="checkbox"/>
6	Project will encourage adoption of new technologies for catch reporting and fishery monitoring.	1	<input checked="" type="checkbox"/>
7	Project will create cost efficiencies, ie, deliver similar or better outcomes at a lower cost.	1	<input checked="" type="checkbox"/>
8	Project supports relationship building and Reconciliation agenda with Indigenous groups.	1	<input type="checkbox"/>
9	Project will encourage harvester participation and buy-in to improve catch reporting and monitoring.	1	<input checked="" type="checkbox"/>
		SUM	8 / 9

10*	The project is a national priority and/or regional priority due to the following factors: profile of the fishery, conservation risks, gap in catch reporting/fishery monitoring or other.	10	<input checked="" type="checkbox"/> *
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**Pages 633 to / à 637
are not relevant
sont non pertinentes**

s.21(1)(a)

s.21(1)(b)

Year 2 - Deliverable 2	Implementation and data compilation
Budget:	
Year 3 - Deliverable 3	Data compilation and project review
Budget:	
Total Year 3 Amount Requested	
Total Proposed Funds	
Proposed Budget:	
Total Proposed Funds	
Proposal 4	
Project Name:	Catch monitoring-Southern Gulf Lobster (LFA 23, 24, 25, 26A and 26B)
Project Theme:	Dockside Monitoring Program Projects (not covered under Electronic Monitoring section)
Project Category:	Commercial fisheries
Project Type:	Fishery Specific (Vertical)
Program Contact:	Carole Leblanc
Proposal Form	
Project Description (Brief):	The Lobster fishery is one of the most important commercial fisheries in the Gulf Region. Currently, landing data is collected through purchase slips and logbook data which is a lengthy process and in some cases incomplete. To improve the quality and reliability of landing data which will enhance the lobster stock science assessment and DFO's ability to make informed fisheries management decisions, this four year project will focus on implementing catch monitoring in the lobster fishery in a phased-in approach. Landing data will be more timely, accessible and accurate which will enable decision-making with complete and up to date information to help ensure the management of a sustainable fishery. Some of the key challenges of this project are the number of ports (=140) and fish harvesters (=2,900) that land lobster in the Gulf Region across numerous coastal communities as well as support from industry. Year 1 focused on a feasibility study to determine the cost and develop a workplan for the following years. Funds received in year one was \$75,000. Notional amounts that will be requested prior to YR 2 and YR 3 are noted below.
How the Proposal Meets the Selection Criteria:	1) The project is identified in the priority list of key fisheries. 2) Consistent with the policy objectives to obtain reliable and timely data from the fishery. 3) Guarantee that proposed YR 1 funds will be spent considering the feasibility study and development of a workplan. 4) Implementing DMP in the lobster fishery is a long-standing priority but by-in by industry was not there in the past and it still not fully supported by industry. 5) Consistent with the increase requirements for monitoring catches with Marine Stewardship Council and Precautionary Approach. The project is also in line with the Gulf Region's vision for the lobster fishery.
Key Fishery/Fisheries:	Gulf Region Lobster Fishery in LFA 23, 24, 25, 26
Year 2 - Deliverable 1	The deliverables will depend on the results of the feasibility study of year 1, but it expected that it would include the implementation of the workplan identified in Year 1 and the communication strategy to engage industry and DMP companies.
Budget:	
Year 2 - Deliverable 2	Engage industry
Budget:	\$75,000.00
Year 2 - Deliverable 3	
Budget:	
Total Year 2 Amount Requested	
Year 3 Deliverables	Implement phased -in approach as identified in feasibility study and results of engagement sessions with industry/DMP. One option identified was a 10% phase-in approach, however with elogs starting in 2019 and DMC capacities, implementation of a 1% random third party verification is recommended funded by DFO.
Total Year 3 Amount Requested	\$250,000.00
Proposed Budget:	
Year 4 Deliverables	
Proposed Budget:	
Total Proposed Funds	\$250,000.00
Proposal 5	
Project Name:	E-DMP
Project Theme:	Dockside Monitoring Program Projects (not covered under Electronic Monitoring section)
Project Category:	Commercial Fisheries and First Nation Sales Fisheries
Project Type:	Cross-Cutting (Horizontal)
Program Contact:	Carole Leblanc

Proposal Form	
Project Description (Brief):	Many fisheries are managed under quota regimes which are established following a rigorous science process. In order to avoid quota overruns and overfishing of a specific stock, fishers are required, under their condition of licence, to land their catch at a designated wharf using dockside monitoring services to record landing data (either 100% DMP or hail catch estimate). Currently, these companies are required to weigh the catch or to record a catch estimate from a fisher and in some cases take samples to determine the catch composition. The data collected is entered manually on a catch document and is sent to the parent DMP Company to be entered in the DFO data base which will be used to monitor a given fishery. This process can take a few days and could lead to mistakes in data entries and to quota overruns. In order to avoid these situations, the proposed four year project will allow DMP employees to enter the landing information directly in the DFO data base to obtain timely and accessible information on a fishery to better manage fisheries. The data would then be verified with logbook information provided by fishers and by DMP Companies before being entered as final in the data base that will also be validated by DFO statistics. The first year of the project focused on a feasibility study to determine which fishery should be used to undertake a pilot project and to determine the cost associated with implementing this initiative. The project is proposed for up to 4 years. Proposed funds required for year 2 deliverables are listed below. Notional amounts that will be requested prior to YR 3 and YR 4 are noted below.
How the Proposal Meets the Selection Criteria:	The project is identified in the priority list of key fisheries. It is consistent with the policy objectives to obtain reliable and timely data from the fishery to make informed management decisions. The project should not incur additional costs to fishers. The proposed YR 1 funds were spent considering the feasibility study and development of a workplan. Improvements to DMP electronic data transfers in the some fisheries will avoid quota overruns. This is consistent with the increase requirements for better monitoring of catches in some fisheries.
Key Fishery/Fisheries:	Mackerel, Atlantic Halibut, Scallop, groundfish species, snow crab, tuna, shrimp and herring
Year 3 - Deliverable 1 Budget:	Analyse results and prepare final report to determine if the pilot project could be expanded to other fisheries
Year 3 - Deliverable 2 Budget:	Develop a plan to implement the concept of electronic transfer of DMPR data in other fisheries
Total Year 2 Amount Requested	
Year 3 Deliverables Proposed Budget:	
Year 4 Deliverables Proposed Budget:	
Total Proposed Funds	
Proposal 6	
Project Name:	Electronic Video Monitoring-Atlantic Halibut
Project Theme:	Pilot Electronic Monitoring Techniques
Project Category:	Commercial Fisheries and First Nations Sales Fisheries
Project Type:	Fishery Specific (Vertical)
Program Contact:	Carole Leblanc
Proposal Form	
Project Description (Brief):	This project will increase the monitoring capabilities in the Gulf Atlantic halibut fishery. Electronic monitoring systems (EMS) will be used to: 1) increase the Department's understanding of discards and bycatch, 2) corroborate catch effort by verification with logbook data, 3) deter illegal activities in this fishery and 4) monitor for compliance. As such, it is a joint proposal from Gulf Resource Management and C&P.
How the Proposal Meets the Selection Criteria:	Fishers would participate via condition of licence and will use EVM equipment that will be purchased by DFO. Testing a new method of monitoring could result in reducing overall monitoring costs for the fishers. Experience gained will be valuable for the rest of the fleets and possibly encourage further adoption of EVM. This project is consistent with the policy objectives to obtain reliable and timely data from the fisheryC&P by encourage better compliance with licence conditions related to logbooks and recording of catch and bycatch/discards.
Key Fishery/Fisheries:	Atlantic halibut
Year 2 - Deliverable 1 Budget:	Purchase, test and deploy equipment in the target fishery/ Undertake a feasibility study to use existing EVM equipment and to adapt the equipment in order to monitor a targeted fishery for a pilot .
Year 2 - Deliverable 2 Budget:	Analyze results from video and logbooks and prepare report.

Pages 640 to / à 641
are not relevant
sont non pertinentes

LeBlanc, Carole L

From: Massiera, Josiane
Sent: Wednesday, January 16, 2019 1:54 PM
To: LeBlanc, Carole L
Subject: FW: RE: Call for proposals for Catch Monitoring Projects 2019-20 / Appel à propositions pour des projets de surveillance 2019-20
Attachments: YR 3 - Catch Monitoring Project Criteria Scoring (Gulf Proposal 2).docx; YR 3 - Catch Monitoring Project Criteria Scoring (Gulf Proposal 4).docx; YR 3 - Catch Monitoring Project Criteria Scoring (Gulf Proposal 8).docx; Copy of Gulf CR funding proposal 2019-2020-FINAL-edit scallop.xlsx

Tu peux jeter mon courriel de hier. Voici la bonne version. J'ai changé le titre du projet pour la température pour le pétoncle (proposition 2) après discussion avec Monique Niles.

Merci,
Josiane

From: Massiera, Josiane
Sent: January-15-19 5:09 PM
To: LeBlanc, Carole L
Subject: RE: RE: Call for proposals for Catch Monitoring Projects 2019-20 / Appel à propositions pour des projets de surveillance 2019-20

Svp note que le coût et une partie de la description du projet du logbook du pétoncles est maintenant de [REDACTED] (on a ajouté l'aspect de révisions des données de logbook i.e engagé une étudiante ou casual). J'ai joint le document réviser. J'ai noté (score) le projet des projets 2 (Scallop Monitoring of Temperature) et 4 (Lobster catch monitoring) et 8 (scallop logbook). Les feuilles de scores sont joints.

Josiane

s.21(1)(a)

s.21(1)(b)

From: LeBlanc, Carole L
Sent: January-14-19 12:16 PM
To: Massiera, Josiane; Vienneau, Mathieu; Comeau, Sandra J; Mallet, Pierre; Belliveau, Ron
Subject: FW: RE: Call for proposals for Catch Monitoring Projects 2019-20 / Appel à propositions pour des projets de surveillance 2019-20
Importance: High

Bonjour,

Pour les propositions de projets de surveillance des débarquements que vous avez soumis, vous devez aussi remplir le formulaire ci-joint. (YR 3 – Catch Monitoring Project Criteria Scoring). SVP, me les fournir aussitôt que possible. Veuillez noter que les fonds terminent en 2020-2021. Mathieu, la durée de ton projet devra être modifiée à deux ans au lieu de trois.

Merci

Carole

From: Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>
Sent: Friday, January 11, 2019 4:54 PM
To: LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>
Subject: Fw: Reminder Finals Due Today with doc RE: Call for proposals for Catch Monitoring Projects 2019-20 / Appel à propositions pour des projets de surveillance 2019-20

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Hemken, Susana <Susana.Hemken@dfo-mpo.gc.ca>

Sent: Friday, January 11, 2019 16:53

To: Mar, Amy; Kanno, Roger; Grandmaison, Vanessa; Boudreau, Suzie; Beaulieu, Jérôme; Goshulak, Larissa; MacDonald, Carl; Mallet, Pierre; Brine, Remi; Careen, Ellen; Christensen, Cameron; Buchanan, Heather; Kerwin, Jessica; Courchesne, Sandra; Cawthray, Jenness; Edgar, Leigh; LeBlanc, Carole L

Cc: Jivan, Tyler; Davis, Neil; Nener, Jennifer; Gros-Louis, Denis; Berthier, Jacinta; LeCouffe, Marc; Blanchard, Tony; Clemens, Marc; Napier, Brent; Lester, Brian; Norton, Brett; Schjott, Natalie

Subject: RE: Reminder Finals Due Today with doc RE: Call for proposals for Catch Monitoring Projects 2019-20 / Appel à propositions pour des projets de surveillance 2019-20

And with the attachment! ☺

Please find the priority scoring sheet to be submitted for each of the project proposals:

Note also, please find for your reference, the current updated Priority Fisheries for FM projects, (there were minor changes in PAC)

Thank you,

Susana Hemken

A/Fisheries Management Program Officer, Fisheries Resource Management
Fisheries and Oceans Canada / Government of Canada
Susana.Hemken@dfo-mpo.gc.ca / Tel: 613-402-8541

Agente de programme de gestion des pêches/PI, Gestion des ressources halieutiques
Pêches et Océans Canada / Gouvernement du Canada
Susana.Hemken@dfo-mpo.gc.ca / Tel: 613-402-8541

From: Hemken, Susana

Sent: January-11-19 3:19 PM

To: Mar, Amy <Amy.Mar@dfo-mpo.gc.ca>; Kanno, Roger <Roger.Kanno@dfo-mpo.gc.ca>; Grandmaison, Vanessa <Vanessa.Grandmaison@dfo-mpo.gc.ca>; Boudreau, Suzie <Suzie.Boudreau@dfo-mpo.gc.ca>; Beaulieu, Jérôme <Jerome.Beaulieu@dfo-mpo.gc.ca>; Goshulak, Larissa <Larissa.Goshulak@dfo-mpo.gc.ca>; MacDonald, Carl <Carl.MacDonald@dfo-mpo.gc.ca>; Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>; Brine, Remi <Remi.Brine@dfo-mpo.gc.ca>; Careen, Ellen <Ellen.Careen@dfo-mpo.gc.ca>; Christensen, Cameron <Cameron.Christensen@dfo-mpo.gc.ca>; Buchanan, Heather <Heather.Buchanan@dfo-mpo.gc.ca>; Kerwin, Jessica <Jessica.Kerwin@dfo-mpo.gc.ca>; Courchesne, Sandra <Sandra.Courchesne@dfo-mpo.gc.ca>; Cawthray, Jenness <Jenness.Cawthray@dfo-mpo.gc.ca>; Edgar, Leigh <Leigh.Edgar@dfo-mpo.gc.ca>; LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>

Cc: Jivan, Tyler <Tyler.Jivan@dfo-mpo.gc.ca>; Davis, Neil <Neil.Davis@dfo-mpo.gc.ca>; Nener, Jennifer <Jennifer.Nener@dfo-mpo.gc.ca>; Gros-Louis, Denis <Denis.Gros-Louis@dfo-mpo.gc.ca>; Berthier, Jacinta <Jacinta.Berthier@dfo-mpo.gc.ca>; LeCouffe, Marc <Marc.LeCouffe@dfo-mpo.gc.ca>; Blanchard, Tony <Tony.Blanchard@dfo-mpo.gc.ca>; Clemens, Marc <Marc.Clemens@dfo-mpo.gc.ca>; Napier, Brent <Brent.Napier@dfo-mpo.gc.ca>; Lester, Brian <Brian.Lester@dfo-mpo.gc.ca>; Norton, Brett <Brett.Norton@dfo-mpo.gc.ca>; Schjott, Natalie <Natalie.Schjott@dfo-mpo.gc.ca>

Subject: Reminder Finals Due Today RE: Call for proposals for Catch Monitoring Projects 2019-20 / Appel à propositions pour des projets de surveillance 2019-20

Hello/Bonjour

Friendly reminder that the finals of the proposals for Catch Monitoring Projects are due today.
Thank you to those who have already submitted.

Please also send the priority ranking sheets for each of the proposals submitted.

These were the factors taken in consideration in your completion of the section in the template entitled: How the Proposal Meets the Selection Criteria

Apologies that these were not initially asked for as part of the submission along with the proposals. It was included as a reference document.

These are very important in the assessment of both deliverables and funding for our consolidation of information for audits to substantiate what we are doing and why.

Thank you,

Susana Hemken

A/Fisheries Management Program Officer, Fisheries Resource Management
Fisheries and Oceans Canada / Government of Canada
Susana.Hemken@dfo-mpo.gc.ca / Tel: 613-402-8541

Agente de programme de gestion des pêches/PI, Gestion des ressources halieutiques
Pêches et Océans Canada / Gouvernement du Canada
Susana.Hemken@dfo-mpo.gc.ca / Tel: 613-402-8541

From: Schjott, Natalie <Natalie.Schjott@dfo-mpo.gc.ca>

Sent: November-26-18 2:57 PM

To: Mar, Amy <Amy.Mar@dfo-mpo.gc.ca>; Kanno, Roger <Roger.Kanno@dfo-mpo.gc.ca>; Grandmaison, Vanessa <Vanessa.Grandmaison@dfo-mpo.gc.ca>; Boudreau, Suzie <Suzie.Boudreau@dfo-mpo.gc.ca>; Beaulieu, Jérôme <Jerome.Beaulieu@dfo-mpo.gc.ca>; Goshulak, Larissa <Larissa.Goshulak@dfo-mpo.gc.ca>; MacDonald, Carl <Carl.MacDonald@dfo-mpo.gc.ca>; Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>; Brine, Remi <Remi.Brine@dfo-mpo.gc.ca>; Careen, Ellen <Ellen.Careen@dfo-mpo.gc.ca>; Christensen, Cameron <Cameron.Christensen@dfo-mpo.gc.ca>; Buchanan, Heather <Heather.Buchanan@dfo-mpo.gc.ca>; Kerwin, Jessica <Jessica.Kerwin@dfo-mpo.gc.ca>; Courchesne, Sandra <Sandra.Courchesne@dfo-mpo.gc.ca>; Cawthray, Jenness <Jenness.Cawthray@dfo-mpo.gc.ca>; Edgar, Leigh <Leigh.Edgar@dfo-mpo.gc.ca>

Cc: Jivan, Tyler <Tyler.Jivan@dfo-mpo.gc.ca>; Davis, Neil <Neil.Davis@dfo-mpo.gc.ca>; Nener, Jennifer <Jennifer.Nener@dfo-mpo.gc.ca>; Gros-Louis, Denis <Denis.Gros-Louis@dfo-mpo.gc.ca>; Berthier, Jacinta <Jacinta.Berthier@dfo-mpo.gc.ca>; LeCouffe, Marc <Marc.LeCouffe@dfo-mpo.gc.ca>; Blanchard, Tony <Tony.Blanchard@dfo-mpo.gc.ca>; Clemens, Marc <Marc.Clemens@dfo-mpo.gc.ca>; Napier, Brent <Brent.Napier@dfo-mpo.gc.ca>; Lester, Brian <Brian.Lester@dfo-mpo.gc.ca>; Norton, Brett <Brett.Norton@dfo-mpo.gc.ca>; Hemken, Susana <Susana.Hemken@dfo-mpo.gc.ca>

Subject: Call for proposals for Catch Monitoring Projects 2019-20 / Appel à propositions pour des projets de surveillance 2019-20

(Le français suit)

Hello,

This is the call for request for 2019-20 funding for catch and monitoring projects. The requirements for the proposals are described below.

Proposals for Fishery Monitoring Projects

- For 2019-20, \$1.93M is available for fishery monitoring projects (note that in 2020-21, the last year of funding, the amount drops to \$965K)
- Submit all requests for funds in the attached document. You must complete one form per proposal in tab titled **Proposals**. This is the same form used in the previous year's.
- Attached for reference are (1) the criteria for ranking the projects and (2) the list of priority fisheries identified for investments in fishery monitoring.
- Regions are to submit proposals in order of priority (e.g . Proposal 1 is your top priority project).
- Project proposals aimed at the priority fisheries and cross-cutting projects will be accepted.
- Reminder that we must report on progress to 'implement' fishery monitoring in the list of priority fisheries.

Proposals are to be sent to Natalie Schjott and Susana Hemken by December 14th COB. Should you have any questions, let us know.

Once we've had a chance to compile and review, we will provide an update to this group on next steps. Note that FMOC approval will be sought at the February meeting in Montreal (Feb 20-21).

Bonjour,

Ceci est l'appel à propositions pour les projets de capture et de surveillance 2019-2020. Les exigences pour les propositions sont décrites ci-dessous.

Propositions pour des projets de plans de rétablissement

- Pour 2019-2020, 1 930 000 \$ est disponibles pour les projets pour les projets de surveillance (notez qu'en 2020-2021, la dernière année de financement, le montant tombe à 965 000 \$)
- Soumettre toutes les demandes de fonds dans le document ci-joint. Remplissez un formulaire de proposition dans l'onglet intitulé **Propositions**. C'est le même formulaire utilisé pour les années précédente.
- Ci-joint pour votre référence : (1) Les critères de classement des projets et (2) la liste des pêches prioritaires identifiées pour les investissements dans la surveillance des pêches. Les deux documents sont disponible en anglais seulement.
- Les régions doivent soumettre leurs projets en ordre de priorité (par exemple, Proposition 1 représente votre projet le plus important).
- Les propositions de projets visant les pêches prioritaires et les projets transversaux seront acceptées.

- Rappel que nous devons rendre compte des progrès réalisés pour «mettre en œuvre» la surveillance de la pêche dans les pêches prioritaires.

Les propositions doivent être envoyées à Natalie Schjott et Susana Hemken d'ici la fermeture des bureaux le 14 décembre. N'hésitez pas si vous avez des questions.

Une fois que nous aurons eu la chance de compiler et d'examiner, nous fournirons une mise à jour à ce groupe sur les prochaines étapes. Veuillez noter que l'approbation de FMOC sera demandée lors de la réunion de février à Montréal (20-21 février).

Au plaisir

<< File: Priority Fisheries for FM Projects.docx >>

Reference / référence

<< File: YR 3 - Catch Monitoring Project Criteria Scoring.docx >>

<< File: 2019-20 Template CM Project Funding Proposals.xlsx >>

Natalie Schjott

Manager, Fisheries Integration Group

Resource Management, Fisheries and Harbour Management

613-990-9185

Gestionnaire, Groupe d'intégration des pêcheries

Gestion des ressources, Gestion des pêches et des ports

613-990-9185

Pages 647 to / à 648
are not relevant
sont non pertinentes

s.21(1)(a)

s.21(1)(b)

Budget:	
Year 3 - Deliverable 3	Data compilation and project review
Budget:	
Total Year 3 Amount Requested	
Total Proposed Funds	
Proposed Budget:	
Total Proposed Funds	
Proposal 4	
Project Name:	Catch monitoring-Southern Gulf Lobster (LFA 23, 24, 25, 26A and 26B)
Project Theme:	Dockside Monitoring Program Projects (not covered under Electronic Monitoring section)
Project Category:	Commercial fisheries
Project Type:	Fishery Specific (Vertical)
Program Contact:	Carole Leblanc
Proposal Form	
Project Description (Brief):	The Lobster fishery is one of the most important commercial fisheries in the Gulf Region. Currently, landing data is collected through purchase slips and logbook data which is a lengthy process and in some cases incomplete. To improve the quality and reliability of landing data which will enhance the lobster stock science assessment and DFO's ability to make informed fisheries management decisions, this four year project will focus on implementing catch monitoring in the lobster fishery in a phased-in approach. Landing data will be more timely, accessible and accurate which will enable decision-making with complete and up to date information to help ensure the management of a sustainable fishery. Some of the key challenges of this project are the number of ports (~140) and fish harvesters (~2,900) that land lobster in the Gulf Region across numerous coastal communities as well as support from industry. Year 1 focused on a feasibility study to determine the cost and develop a workplan for the following years. Funds received in year one was \$75,000. Notional amounts that will be requested prior to YR 2 and YR 3 are noted below.
How the Proposal Meets the Selection Criteria:	1) The project is identified in the priority list of key fisheries. 2) Consistent with the policy objectives to obtain reliable and timely data from the fishery. 3) Guarantee that proposed YR 1 funds will be spent considering the feasibility study and development of a workplan. 4) Implementing DMP in the lobster fishery is a long-standing priority but by-in by industry was not there in the past and it still not fully supported by industry. 5) Consistent with the increase requirements for monitoring catches with Marine Stewardship Council and Precautionary Approach. The project is also in line with the Gulf Region's vision for the lobster fishery.
Key Fishery/Fisheries:	Gulf Region Lobster Fishery in LFA 23, 24, 25, 26
Year 2 - Deliverable 1	The deliverables will depend on the results of the feasibility study of year 1, but it expected that it would include the implementation of the workplan identified in Year 1 and the communication strategy to engage industry and DMP companies.
Budget:	
Year 2 - Deliverable 2	Engage industry
Budget:	\$75,000.00
Year 2 - Deliverable 3	
Budget:	
Total Year 2 Amount Requested	
Year 3 Deliverables	Implement phased-in approach as identified in feasibility study and results of engagement sessions with industry/DMP. One option identified was a 10% phase-in approach, however with elogs starting in 2019 and DMC capacities, implementation of a 1% random third party verification is recommended funded by DFO.
Total Year 3 Amount Requested	\$250,000.00
Proposed Budget:	
Year 4 Deliverables	
Proposed Budget:	
Total Proposed Funds	\$250,000.00
Proposal 5	
Project Name:	E-DMP
Project Theme:	Dockside Monitoring Program Projects (not covered under Electronic Monitoring section)
Project Category:	Commercial Fisheries and First Nation Sales Fisheries
Project Type:	Cross-Cutting (Horizontal)
Program Contact:	Carole Leblanc
Proposal Form	

s.21(1)(a) s.21(1)(b)	Project Description (Brief):	Many fisheries are managed under quota regimes which are established following a rigorous science process. In order to avoid quota overruns and overfishing of a specific stock, fishers are required, under their condition of licence, to land their catch at a designated wharf using dockside monitoring services to record landing data (either 100% DMP or hail catch estimate). Currently, these companies are required to weigh the catch or to record a catch estimate from a fisher and in some cases take samples to determine the catch composition. The data collected is entered manually on a catch document and is sent to the parent DMP Company to be entered in the DFO data base which will be used to monitor a given fishery. This process can take a few days and could lead to mistakes in data entries and to quota overruns. In order to avoid these situations, the proposed four year project will allow DMP employees to enter the landing information directly in the DFO data base to obtain timely and accessible information on a fishery to better manage fisheries. The data would then be verified with logbook information provided by fishers and by DMP Companies before being entered as final in the data base that will also be validated by DFO statistics. The first year of the project focused on a feasibility study to determine which fishery should be used to undertake a pilot project and to determine the cost associated with implementing this initiative. The project is proposed for up to 4 years. Proposed funds required for year 2 deliverables are listed below. Notional amounts that will be requested prior to YR 3 and YR 4 are noted below.
	How the Proposal Meets the Selection Criteria:	The project is identified in the priority list of key fisheries. It is consistent with the policy objectives to obtain reliable and timely data from the fishery to make informed management decisions. The project should not incur additional costs to fishers. The proposed YR 1 funds were spent considering the feasibility study and development of a workplan. Improvements to DMP electronic data transfers in the some fisheries will avoid quota overruns. This is consistent with the increase requirements for better monitoring of catches in some fisheries.
	Key Fishery/Fisheries:	Mackerel, Atlantic Halibut, Scallop, groundfish species, snow crab, tuna, shrimp and herring
	Year 3 - Deliverable 1 Budget:	Analyse results and prepare final report to determine if the pilot project could be expanded to other fisheries
	Year 3 - Deliverable 2 Budget:	Develop a plan to implement the concept of electronic transfer of DMPR data in other fisheries
	Total Year 2 Amount Requested	
	Year 3 Deliverables Proposed Budget:	
	Year 4 Deliverables Proposed Budget:	
	Total Proposed Funds	
	Proposal 6	
Project Name:	Electronic Video Monitoring-Atlantic Halibut	
Project Theme:	Pilot Electronic Monitoring Techniques	
Project Category:	Commercial Fisheries and First Nations Sales Fisheries	
Project Type:	Fishery Specific (Vertical)	
Program Contact:	Carole Leblanc	
Proposal Form		
Project Description (Brief):	This project will increase the monitoring capabilities in the Gulf Atlantic halibut fishery. Electronic monitoring systems (EMS) will be used to: 1) increase the Department's understanding of discards and bycatch, 2) corroborate catch effort by verification with logbook data, 3) deter illegal activities in this fishery and 4) monitor for compliance. As such, it is a joint proposal from Gulf Resource Management and C&P.	
How the Proposal Meets the Selection Criteria:	Fishers would participate via condition of licence and will use EVM equipment that will be purchased by DFO. Testing a new method of monitoring could result in reducing overall monitoring costs for the fishers. Experience gained will be valuable for the rest of the fleets and possibly encourage further adoption of EVM. This project is consistent with the policy objectives to obtain reliable and timely data from the fishery C&P by encourage better compliance with licence conditions related to logbooks and recording of catch and bycatch/discards.	
Key Fishery/Fisheries:	Atlantic halibut	
Year 2 - Deliverable 1 Budget:	Purchase, test and deploy equipment in the target fishery/ Undertake a feasibility study to use existing EVM equipment and to adapt the equipment in order to monitor a targeted fishery for a pilot.	
Year 2 - Deliverable 2 Budget:	Analyze results from video and logbooks and prepare report.	
Year 2 - Deliverable 3 Budget:	Present report to fleets and prepare plan to expand the concept to other fisheries.	

**Pages 651 to / à 653
are not relevant
sont non pertinentes**

Project Criteria & Scoring

- The project criteria and scoring table below is for use by Regions and NHQ to rank their projects. All 9 criteria begin with a weighting of one, and even after the weighting for a criterion is altered, the weighting for the 9 criteria should add up to 9. The weighting a particular catch monitoring project receives will determine its rank. Projects that are identified as national and/or regional priorities will be ranked as the top priority project proposals for the year as long as the projects are consistent with the criteria above. We may need to limit the number of projects from each Region and NHQ considered national and/or regional priorities.
- Regions and NHQ are asked to rank their projects and identify their top 6 projects, as a start.
- We will seek (1) a fair distribution of funds across regions and NHQ, keeping in mind that agreeing to fund a priority project may result in one Region (including NHQ) being allocated more funds and (2) seek to fund a mix of investments in fishery/stock-specific projects and cross-cutting projects with the aim to support the implementation of the fishery monitoring policy in the priority fisheries.

Proposal 4 – Catch monitoring-Southern Gulf Lobster (LFA 23, 24, 25, 26A and 26B)

#	Criteria for Ranking Fishery Monitoring Project Proposals	Weighting	Applicable?
1	Project is aimed at one or more of the key fisheries (see list) and project falls under one of the project categories.	1	<input checked="" type="checkbox"/>
2	If cross-cutting investment: projects falls under one of the projects categories (see list) and will help implement the policy in a number of fisheries. If possible specify these fisheries.	1	<input checked="" type="checkbox"/>
3	Low risk that funds will not be spent in year allocated on the specified task/item (feasibility).	1	<input checked="" type="checkbox"/>
4	Project will deliver on objectives of the draft policy and contribute to its implementation (e.g. as measured by the four milestones: evaluation of the current monitoring program and risks; development of monitoring objectives; identify monitoring requirements; operationalize program	1	<input checked="" type="checkbox"/>
5	Project is innovative and will help improve fishery monitoring in new ways, separate from the adoption of new technologies (Criteria #6).	1	<input checked="" type="checkbox"/>
6	Project will encourage adoption of new technologies for catch reporting and fishery monitoring.	1	<input checked="" type="checkbox"/>
7	Project will create cost efficiencies, ie, deliver similar or better outcomes at a lower cost.	1	<input checked="" type="checkbox"/>
8	Project supports relationship building and Reconciliation agenda with Indigenous groups.	1	<input type="checkbox"/>
9	Project will encourage harvester participation and buy-in to improve catch reporting and monitoring.	1	<input checked="" type="checkbox"/>
		SUM	8 / 9
10*	The project is a national priority and/or regional priority due to the following factors: profile of the fishery, conservation risks, gap in catch reporting/fishery monitoring or other.	10	<input checked="" type="checkbox"/> *

Page 655
is not relevant
est non pertinente

LeBlanc, Carole L

From: LeBlanc, Carole L
Sent: Monday, January 7, 2019 9:56 AM
To: Massiera, Josiane
Subject: FW: Gulf CR funding proposal 2019-2020-2.xlsx
Attachments: Gulf CR funding proposal 2019-2020-2.xlsx

Bonjour Josiane,
Est-ce qu'on peut indiquer quelles sont les prochaines étapes pour DMP homard?

Carole

From: Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>
Sent: Monday, January 7, 2019 9:47 AM
To: LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>
Subject: Gulf CR funding proposal 2019-2020-2.xlsx

Voici la liste des projets que j'ai reçu pour le CR funding, pour le projet homard DMP j'ai pas mis a jour la demande, puisque je sais pas les prochaines étapes.

Merci

Pages 657 to / à 660
are not relevant
sont non pertinentes

1) The project is identified in the priority list of key fisheries. 2) Consistent with the policy objectives to obtain reliable and timely data from the fishery. 3) Guarantee that proposed YR 1 funds will be spent considering the feasibility study and development of a workplan. 4) Implementing DMP in the lobster fishery is a long-standing priority but buy-in by industry was not there in the past and it still not fully supported by industry. 5) Consistent with the increase requirements for monitoring catches with Marine Stewardship Council and Precautionary Approach. The project is also in line with the Gulf Region's vision for the lobster fishery.

Gulf Region Lobster Fishery in LFA 23, 24, 25, 26

The deliverables will depend on the results of the feasibility study of year 1, but it expected that it would include the implementation of the workplan identified in Year 1 and the communication strategy to engage industry and DMP companies.

Identify a LFA where a pilot project could be undertaken in year 3

\$75,000.00

Implement year 3 of the workplan and conduct a pilot project as per the phased -in approach identified in feasibility study and results of engagement sessions with industry/DMP

\$75,000.00

Proposal 5

E-DMP

Dockside Monitoring Program Projects (not covered under Electronic Monitoring section)

Commercial Fisheries and First Nation Sales Fisheries

Cross-Cutting (Horizontal)

Carole Leblanc

Many fisheries are managed under quota regimes which are established following a rigorous science process. In order to avoid quota overruns and overfishing of a specific stock, fishers are required, under their condition of licence, to land their catch at a designated wharf using dockside monitoring services to record landing data (either 100% DMP or hail catch estimate). Currently, these companies are required to weigh the catch or to record a catch estimate from a fisher and in some cases take samples to determine the catch composition. The data collected is entered manually on a catch document and is sent to the parent DMP Company to be entered in the DFO data base which will be used to monitor a given fishery. This process can take a few days and could lead to mistakes in data entries and to quota overruns. In order to avoid these situations, the proposed four year project will allow DMP employees to enter the landing information directly in the DFO data base to obtain timely and accessible information on a fishery to better manage fisheries. The data would then be verified with logbook information provided by fishers and by DMP Companies before being entered as final in the data base that will also be validated by DFO statistics. The first year of the project focused on a feasibility study to determine which fishery should be used to undertake a pilot project and to determine the cost associated with implementing this initiative. The project is proposed for up to 4 years. Proposed funds required for year 2 deliverables are listed below. Notional amounts that will be requested prior to YR 3 and YR 4 are noted below.

The project is identified in the priority list of key fisheries. It is consistent with the policy objectives to obtain reliable and timely data from the fishery to make informed management decisions. The project should not incur additional costs to fishers. The proposed YR 1 funds were spent considering the feasibility study and development of a workplan. Improvements to DMP electronic data transfers in the some fisheries will avoid quota overruns. This is consistent with the increase requirements for better monitoring of catches in some fisheries.

Mackerel, Atlantic Halibut, Scallop, groundfish species, snow crab, tuna, shrimp and herring

Analyse results and prepare final report to determine if the pilot project could be expanded to other fisheries

Develop a plan to implement the concept of electronic transfer of DMPR data in other fisheries

s.21(1)(a)

s.21(1)(b)

s.21(1)(a)
s.21(1)(b)

Proposal 6

Electronic Video Monitoring-Scallop
Pilot Electronic Monitoring Techniques
Commercial Fisheries and First Nations Sales Fisheries
Fishery Specific (Vertical)
Carole Leblanc

This project will be to develop a plan to use electronic video monitoring (EVM) equipment to monitor the scallop fishery to better Electronic monitoring systems (EMS) will be used to: 1) increase the Department's understanding of discards and bycatch, 2) corroborate catch effort by verification with logbook data, 3) deter illegal activities in this fishery and 4) monitor for compliance.understand catch composition . It will examine and determine if EVM can be used to verify the log book entries. This is a joint proposal from Gulf Resource Management and C&P.

The project is being applied in one of the key fisheries (scallop). Volunteered fishers would participate via condition of licence and will use EVM equipment that will be purchased by DFO. Testing a new method of monitoring could result in reducing overall monitoring costs for the fishers. Experience gained will be valuable for the rest of the fleets and possibly encourage further adoption of EVM. This project is consistent with the policy objectives to obtain reliable and timely data from the fisheryC&P by encourage better compliance with licence conditions related to logbooks and recording of catch and bycatch/discards.

Scallop
Undertake a feasibility study to use existing EVM equipment and to adapt the equipment in order to monitor a targeted fishery for a pilot .
Analyze results from video and logbooks and prepare report.

Pages 665 to / à 666
are not relevant
sont non pertinentes

Dupuis, Monique

From: Massiera, Josiane
Sent: February 1, 2019 3:01 PM
To: Moore, Benjamin
Cc: Dupuis, Monique
Subject: RE: Lobster DMP Discussion with Sea Tracker Dockside Monitoring (Ricky Doyle)

Ok thanks. We will have to think about it a bit more...

From: Moore, Benjamin
Sent: February-01-19 2:53 PM
To: Massiera, Josiane
Cc: Dupuis, Monique
Subject: RE: Lobster DMP Discussion with Sea Tracker Dockside Monitoring (Ricky Doyle)

I am not sure what to do there but fishermen generally of fish Crab, Tuna, halibut and herring get one company to monitor all of their offloads and both companies have monitors all over PEI. But there would also be some fishermen who just fish lobster who would not be have been involved with either company in the past. Not sure what the best approach would be here...

From: Massiera, Josiane
Sent: February-01-19 2:43 PM
To: Moore, Benjamin <Benjamin.Moore@dfo-mpo.gc.ca>
Cc: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Lobster DMP Discussion with Sea Tracker Dockside Monitoring (Ricky Doyle)

Would you then let the company choose who they want to monitor and risk having both of them at the same port at the same time? Or should we provide a list of ports they should be covering to avoid this?

Josiane

From: Moore, Benjamin
Sent: February-01-19 2:35 PM
To: Dupuis, Monique; Massiera, Josiane
Subject: RE: Lobster DMP Discussion with Sea Tracker Dockside Monitoring (Ricky Doyle)

Hi Monique,

You are correct in saying that both DMC's could be at the same port at the same time covering different fishermen. Fishermen here pick which DMC company they would like go with to monitor their catch.

Thanks,
Ben

From: Dupuis, Monique
Sent: January-31-19 10:04 AM
To: Moore, Benjamin <Benjamin.Moore@dfo-mpo.gc.ca>; Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Subject: RE: Lobster DMP Discussion with Sea Tracker Dockside Monitoring (Ricky Doyle)

Bonjour Ben,

Yes we did. Here is a resume of the conversation.

The call lasted approx. 25 minutes. Ricky is in favour of the introduction of the DMP for the lobster and has been communicating this for many years now with industry, fishers, etc. With the introduction of this DMP, he can hire more employees and guarantee longer terms which is positive for employee retention. He plans on dedicating 1 employee, 8hr per day for this coverage and really doesn't see random coverage being an issue (he seems to have a pretty good indication as to when the fishers will arrive to port and can schedule his employee(s) around that time). Since there would be no admin work required this year (entering into GFIS), he doesn't have an issue with covering the 10 trips per day and he also believes he could cover more than 10 per day if required.

Main questions asked by Ricky:

- Q: Are all DMC given this opportunity? A: Yes
- Q: How are DMC going to know which ports to cover to ensure the port is not already covered by the other DMC? A: We will have to figure out the logistics, perhaps we assign the DMC ports so that we ensure that they don't show up at the same port on the same day.
- Q: What type of documentation will the DMC be required to fill out? A: Still undecided, however we do see the need to complete the DMP Weigh out summary form.

Ben, still being new into this role, can you shed some light with the following? It is my understanding that in NB and NS, the DMC kind of have their region in which they do business in and that another DMC will respect this "zone" and won't conduct business into the zone where another DMC is already covering. I seem to understand that in PEI this is not the case and that both DMC will cover the same area even being at the same port at the same time. Is this the case?

Any questions, please don't hesitate to contact me or Josiane.

Have a great day!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Moore, Benjamin <Benjamin.Moore@dfo-mpo.gc.ca>

Sent: January 30, 2019 8:24 AM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>; Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>

Subject: RE: Lobster DMP Discussion with Sea Tracker Dockside Monitoring (Ricky Doyle)

Hi Monique/Josiane,

Did you have a conference call with Ricky Doyle yesterday? I was in a Tuna meeting until 1pm and then was preparing for a Rec Fish Advisory meeting, so I didn't see the invite until this morning.

Thanks,

Ben

Dupuis, Monique

From: Croft, Greg
Sent: February 4, 2019 10:54 AM
To: Dupuis, Monique
Subject: RE: PS Query - Inshore Lobster

Neat if you're using e-logs for them!!!

We're interested in what information is collected, so wanted to see what is required to fill them in.

Your licence condition is really good for the items you require.

Greg Croft

Monitoring Programs Coordinator – Conservation & Protection Branch
Fisheries and Oceans Canada / Government of Canada
Greg.Croft@dfo-mpo.gc.ca Tél : 902-426-5470,
Fisheries and Oceans Canada / Canada Government of Canada

Programmes Surveillance Coordinateur – Direction de la conservation et de la protection
Greg.Croft@dfo-mpo.gc.ca Tél. :902-426-5470,
Pêches et Océans Canada | Gouvernement du Canada

If you have received this communication by mistake, please notify the sender immediately and delete the communication without printing, copying or forwarding it. Thank you.

Si vous avez reçu cette communication par erreur, veuillez en aviser l'expéditeur immédiatement et la supprimer sans l'imprimer, la copier, ou la faire suivre. Merci.

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: 2019–February-01 2:04 PM
To: Croft, Greg <Greg.Croft@dfo-mpo.gc.ca>
Subject: RE: PS Query - Inshore Lobster

Hi,
Do you mean the paper log or elog?

Thanks!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
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From: Croft, Greg <Greg.Croft@dfo-mpo.gc.ca>
Sent: February 1, 2019 1:51 PM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Subject: PS Query - Inshore Lobster

Sorry to be a pain, but may I have a scan of the instructions for logbook completion?

Thanks!!

Greg Croft

Monitoring Programs Coordinator – Conservation & Protection Branch
Fisheries and Oceans Canada / Government of Canada
Greg.Croft@dfo-mpo.gc.ca Tel : 902-426-5470,
Fisheries and Oceans Canada / Canada Government of Canada

Programmes Surveillance Coordinateur – Direction de la conservation et de la protection
Greg.Croft@dfo-mpo.gc.ca Tél. :902-426-5470,
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From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Sent: 2019–February-01 1:45 PM

To: Croft, Greg <Greg.Croft@dfo-mpo.gc.ca>

Subject: RE: Query - Inshore Lobster

Hi Greg,

Happy Friday!

The current paper log for lobster is pretty simple. See attachment 1. We will have a voluntary Elog in 2019 that it is my understanding will ask for more data. In 2nd attachment is a license condition for Lobster in the LFA 25.

Give me a call so we can discuss the details. ☺

Thanks!

Monique

Monique Dupuis
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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Croft, Greg <Greg.Croft@dfo-mpo.gc.ca>

Sent: February 1, 2019 10:46 AM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Subject: Query - Inshore Lobster

We are interested in your trial of DMP in the inshore lobster fishery.

I'm wondering how your current logbook is set up for information returns and what your lobster licence requires for fishers in the reporting catch portions. If I could have an electronic copy of each please? It would help.

We looked at the idea of some lobster DMP last year, and are interested in seeing how you will set it up and get a trial going.

It's a complex fishery and in Maritimes the way we've structured our logbook and laid out our licence requirements, it is difficult to have the verification of catch weights done.

Looking forward to learning your best practices!!

Cheers!

Greg Croft

Monitoring Programs Coordinator – Conservation & Protection Branch
Fisheries and Oceans Canada / Government of Canada
Greg.Croft@dfo-mpo.gc.ca Tel : 902-426-5470,
Fisheries and Oceans Canada / Canada Government of Canada

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Greg.Croft@dfo-mpo.gc.ca Tél. :902-426-5470,
Pêches et Océans Canada | Gouvernement du Canada

If you have received this communication by mistake, please notify the sender immediately and delete the communication without printing, copying or forwarding it. Thank you.

Si vous avez reçu cette communication par erreur, veuillez en aviser l'expéditeur immédiatement et la supprimer sans l'imprimer, la copier, ou la faire suivre. Merci.

s.16(2)(c)

Dupuis, Monique

Subject: Lobster DMP discussion with Cheticamp Monitoring (Prescille Desveaux)
Location: C&P Ops room & Teleconference

Start: Mon 2019-02-04 11:00 AM
End: Mon 2019-02-04 12:00 PM

Recurrence: (none)

Meeting Status: Meeting organizer

Organizer: Dupuis, Monique
Required Attendees: Massiera, Josiane; Dwyer, Alan; Dupuis, Monique

1-877-413-4781

ID Code: 

Dupuis, Monique

Subject: Lobster DMP discussion with Island Weigh (95) Inc. (Tammy Arsenault)
Location: Teleconference

Start: Mon 2019-02-04 1:00 PM
End: Mon 2019-02-04 2:00 PM

Recurrence: (none)

Meeting Status: Meeting organizer

Organizer: Dupuis, Monique
Required Attendees: Massiera, Josiane; Moore, Benjamin

Josiane can you please book your Ops room?

Thanks!
Monique

1-877-413-4781

ID Code: 

Dupuis, Monique

Subject: DMP Lobster
Location: RM Room 320

Start: Mon 2019-02-11 3:30 PM
End: Mon 2019-02-11 4:30 PM

Recurrence: (none)

Meeting Status: Accepted

Organizer: Massiera, Josiane
Required Attendees: Comeau, Sandra J; Dupuis, Monique

Dupuis, Monique

Subject: DMP Lobster
Location: Call-in: 1-877-413-4781 ID: [REDACTED] mon bureau ou Ops room
Start: Wed 2019-01-30 11:15 AM
End: Wed 2019-01-30 12:00 PM
Recurrence: (none)
Meeting Status: Accepted
Organizer: Massiera, Josiane
Required Attendees: Dupuis, Monique; Comeau, Sandra J

Dupuis, Monique

Subject: Lobster DMP discussion with SeeFish Dockside Monitors (Marjorie Leeman)
Location: C&P Ops room and teleconference

Start: Fri 2019-02-01 11:00 AM
End: Fri 2019-02-01 12:00 PM

Recurrence: (none)

Meeting Status: Meeting organizer

Organizer: Dupuis, Monique
Required Attendees: Comeau, Sandra J; Massiera, Josiane

1-877-413-4781

ID Code: 

Dupuis, Monique

Subject: Discussion du PVQ dans la pêche au homard avec Pèse-Pêche Inc (Serge Chiasson)
Location: C&P Ops room & téléconférence

Start: Thu 2019-01-31 2:30 PM
End: Thu 2019-01-31 3:30 PM

Recurrence: (none)

Meeting Status: Meeting organizer

Organizer: Dupuis, Monique
Required Attendees: Comeau, Sandra J; Massiera, Josiane

1-877-413-4781

ID Code: 

Dupuis, Monique

Subject: Lobster DMP discussion with Atlantic Catch Data
Location: C&P Ops room & Teleconference

Start: Wed 2019-01-30 2:30 PM
End: Wed 2019-01-30 3:30 PM

Recurrence: (none)

Meeting Status: Meeting organizer

Organizer: Dupuis, Monique
Required Attendees: Massiera, Josiane; Dwyer, Alan

1-877-413-4781

ID Code: 

s.16(2)(c)

Dupuis, Monique

Subject: Lobster DMP Discussion with Sea Tracker Dockside Monitoring (Ricky Doyle)
Location: Resource Management boardroom & Teleconference

Start: Tue 2019-01-29 3:00 PM
End: Tue 2019-01-29 4:00 PM

Recurrence: (none)

Meeting Status: Meeting organizer

Organizer: Dupuis, Monique

Required Attendees: Massiera, Josiane; Dupuis, Monique; Moore, Benjamin

1-877-413-4781

ID Code: 

-----Original Appointment-----

From: Dupuis, Monique

Sent: January-29-19 9:48 AM

To: Massiera, Josiane; Dupuis, Monique; Moore, Benjamin

Subject: Lobster DMP Discussion with Sea Tracker Dockside Monitoring (Ricky Doyle)

When: January-29-19 3:00 PM-4:00 PM (UTC-04:00) Atlantic Time (Canada).

Where: Resource Management boardroom & Teleconference

1-877-413-4781

ID Code: [REDACTED]

Dupuis, Monique

From: Massiera, Josiane
Sent: January 30, 2019 1:39 PM
To: Dwyer, Alan
Cc: Dupuis, Monique
Subject: RE: DMP Call

Yesterday it lasted 20 minutes....do you know if they talk a lot?? We will try to make it quick

From: Dwyer, Alan
Sent: January-30-19 1:27 PM
To: Massiera, Josiane
Subject: DMP Call

Hi Josiane,

Just curious how long the call is going to be today ? I am travelling to New Glasgow, hoping to leave around 3 pm for a Salmon / Striped Bass meeting we are having this evening.

Alan

Alan Dwyer

Area Manager, Resource Management, Gulf Nova Scotia / Chef intérimaire de la gestion des ressources, Secteur du Golfe Nouvelle-Écosse
Fisheries and Oceans / Pêches et Océans
Gulf Nova Scotia / Nouvelle Écosse – Golfe
2920, Highway 104 / 2920 route 104
Antigonish County, NS / Comté d'Antigonish (N.-É) B2G 2K6
Telephone / Téléphone: (902) 735-7114
Fax / Télécopieur: (902) 863-5818
E-mail / Courriel: Alan.Dwyer@dfo-mpo.gc.ca

Dupuis, Monique

From: Ricky Doyle <rickydoyle@seatracker.ca>
Sent: January 30, 2019 11:12 AM
To: Dupuis, Monique
Subject: Re: Discussion Lobster DMP for Gulf Region

All good. Thanks for clarifying. Sometimes it takes me a while to process all the info :)

Ricky Doyle
Sea Tracker Dockside Monitoring
902-882-2625 (office)
902-214-0017 (cell)
www.seatracker.ca

On Wed, Jan 30, 2019 at 10:59 AM Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Bonjour Ricky,

Thank you for your e-mail.

We haven't ironed out the details of the paperwork yet. At this time, we are consulting with the DMC to obtain their point of view on this initiative. Once the consultations are completed, we will provide clear directions on the next steps. Note that I suggested that we use the same DMP Weigh out summary form that is already in use for the DMP in the other species to remain consistent but no decision has yet been taken.

My apologies for not having all the information at this time.

Monique

Monique Dupuis

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Ricky Doyle <rickydoyle@seatracker.ca>

Sent: January 30, 2019 10:16 AM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Subject: Re: Discussion Lobster DMP for Gulf Region

Thanks for the chat yesterday.

I just wanted to follow up to see what type of documentation would be required if we do go forward with this initiative?

Thanks,

Ricky Doyle

Sea Tracker Dockside Monitoring

902-882-2625 (office)

902-214-0017 (cell)

www.seatracker.ca

On Tue, Jan 29, 2019 at 9:59 AM Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Bonjour Ricky,

This will be an informal discussion for us to get an idea of the number employees on staff and work load during the spring (April 30-June 30) and Summer/Fall (August 9-October 10) periods and if there is room to accommodate a small lobster coverage.

Thanks!

Monique

Monique Dupuis

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From: Ricky Doyle <rickydoyle@seatracker.ca>

Sent: January 29, 2019 9:46 AM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Subject: Re: Discussion Lobster DMP for Gulf Region

Anything in particular i should be prepared for?

On Tue, Jan 29, 2019, 9:42 AM Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Excellent. Looking forward to the discussion. ☺

Monique

Monique Dupuis

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Ricky Doyle <rickydoyle@seatracker.ca>

Sent: January 29, 2019 9:41 AM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Subject: Re: Discussion Lobster DMP for Gulf Region

Yes I can do 3 pm.

On Tue, Jan 29, 2019, 9:34 AM Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Hi,

Would 3pm this afternoon be possible? If not, I can schedule for tomorrow.

Coordinates to join the meeting:

1-877-413-4781

ID Code: 

s.16(2)(c)

Thank you and have a great day!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Ricky Doyle <rickydoyle@seatracker.ca>

Sent: January 29, 2019 9:06 AM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Subject: Re: Discussion Lobster DMP for Gulf Region

Pretty flexible. I do have a meeting at 2 today but after that I can move stuff around to accommodate.

On Tue, Jan 29, 2019, 9:04 AM Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Bonjour,

Are you flexible anytime during the day or is there a time range that works best for you?

Thanks!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection

Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Ricky Doyle <rickydoyle@seatracker.ca>
Sent: January 29, 2019 9:02 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Re: Discussion Lobster DMP for Gulf Region

Yes anyday but Friday works.

On Tue, Jan 29, 2019, 8:58 AM Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Bonjour Ricky,

We would like to have a teleconference discussion on lobster DMP in the Gulf Region. Would you be available this week for a 30-60 minutes discussion ? If so, we will provide you with the log-in number.

Thank you and have a great day!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Moore, Benjamin
Sent: January 30, 2019 8:22 AM
To: Massiera, Josiane; Dupuis, Monique
Subject: RE: Lobster DMP Discussion with Island Weigh (95) Inc.

Hi Monique,

C+P on PEI has me scheduled to meet with them that morning. I cannot adjust this because they have me booked in for a year. Is this something Josiane could also represent the area office on and brief me after?

Thanks,
Ben

From: Massiera, Josiane
Sent: January-29-19 10:16 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Cc: Moore, Benjamin <Benjamin.Moore@dfo-mpo.gc.ca>
Subject: RE: Lobster DMP Discussion with Island Weigh (95) Inc.

My appointment can be moved...

From: Dupuis, Monique
Sent: January-29-19 10:13 AM
To: Moore, Benjamin
Cc: Massiera, Josiane
Subject: Lobster DMP Discussion with Island Weigh (95) Inc.

Bonjour Benjamin,
Tammy from Island Weigh (95) Inc. is available for a Lobster DMP discussion on Thursday morning between 10am to 12pm. I see you have a conflict in your calendar during this time. Is this something that could be moved or should I ask Tammy for another date and time?

Thanks!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
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Dupuis, Monique

From: Greg Connor <GConnor@atlanticcatchdata.ca>
Sent: January 29, 2019 10:27 AM
To: Dupuis, Monique
Subject: RE: Discussion Lobster DMP for Gulf Region

Perfect, talk to you tomorrow.

From: Dupuis, Monique [mailto:Monique.Dupuis@dfo-mpo.gc.ca]
Sent: Tuesday, January 29, 2019 10:18 AM
To: Greg Connor
Subject: RE: Discussion Lobster DMP for Gulf Region

Hi Greg,
Yes, I moved it. Now scheduled from 2:30 to 3:30pm.

Thanks!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Greg Connor <GConnor@atlanticcatchdata.ca>
Sent: January 29, 2019 10:15 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Cc: Albert Gaudet <AGaudet@atlanticcatchdata.ca>
Subject: RE: Discussion Lobster DMP for Gulf Region

Hello Monique,

Albert is available but could we move the teleconference to 2:30pm tomorrow afternoon?

Regards, Greg

From: Dupuis, Monique [mailto:Monique.Dupuis@dfo-mpo.gc.ca]
Sent: Tuesday, January 29, 2019 9:30 AM
To: Greg Connor
Cc: Albert Gaudet
Subject: RE: Discussion Lobster DMP for Gulf Region

Bonjour Greg
Thank you for the quick reply.

Could we schedule tomorrow afternoon at 2pm?

Meeting coordinates are as follows:

1-877-413-4781

ID Code: 8898938

Thank you and have a great day!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Greg Connor <GConnor@atlanticcatchdata.ca>

Sent: January 29, 2019 9:19 AM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Cc: Albert Gaudet <AGaudet@atlanticcatchdata.ca>

Subject: RE: Discussion Lobster DMP for Gulf Region

Hello Monique,

Albert should be available this week, but we would both like to be involved in this discussion. I will be in Yarmouth tomorrow and Thursday, we can be both be on the teleconference. Could we have the teleconference on Wednesday afternoon or Thursday morning?

Regards, Greg

Greg Connor

President

Atlantic Catch Data Ltd.

1801 Hollis Street, Suite 1220

Halifax, Nova Scotia

CANADA B3J 3N4

Office: +1-902-422-4745

Cell: +1-902-449-5996

Fax: +1-902-422-9780

Web: www.atlanticcatchdata.ca

From: Dupuis, Monique [<mailto:Monique.Dupuis@dfo-mpo.gc.ca>]

Sent: Tuesday, January 29, 2019 8:59 AM

To: Greg Connor

Subject: Discussion Lobster DMP for Gulf Region

Bonjour Greg,

We would like to have a teleconference discussion on lobster DMP in the Gulf Region.

Our usual contact for Gulf DMP is Albert Gaudet, but I understand he may be out of the country? As Operations Manager, would you be available this week for a 30-60 minutes discussion ? If so, we will provide you with the log-in number.

Thank you and have a great day!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: pdesveaux <pdesveaux@aim.com>
Sent: January 29, 2019 10:00 AM
To: Dupuis, Monique
Subject: RE: discussion on Lobster DMP for Gulf Region

Hi Monique,

That would be perfect. Thanks so much. Look forward to speaking with you

Prescille

Sent from my Bell Samsung device over Canada's largest network.

----- Original message -----

From: "Dupuis, Monique" <Monique.Dupuis@dfo-mpo.gc.ca>
Date: 2019-01-29 09:48 (GMT-04:00)
To: pdesveaux <pdesveaux@aim.com>
Subject: RE: discussion on Lobster DMP for Gulf Region

Bonjour Prescille,

Thank you for the quick reply.

We can definitely accommodate next week. Monday, February 4th at 11am, would that work for you?

Thank you and have a great day!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: pdesveaux <pdesveaux@aim.com>

Sent: January 29, 2019 9:40 AM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Subject: Re: discussion on Lobster DMP for Gulf Region

Bonjour Monique,

This week is really not good for me. But if it can't wait I will do my best. I am definitely not available today or Thursday. Will do my best if you try for Wednesday or Friday. Would be available anytime next week.

Prescille

Sent from my Galaxy Tab® S2

----- Original message -----

From: "Dupuis, Monique" <Monique.Dupuis@dfo-mpo.gc.ca>

Date: 2019-01-29 08:58 (GMT-04:00)

To: pdesveaux@aim.com

Subject: discussion on Lobster DMP for Gulf Region

Bonjour Prescille,

We would like to have a teleconference discussion on lobster DMP in the Gulf Region. Would you be available this week for a 30-60 minutes discussion ? If so, we will provide you with the log-in number.

Thank you and have a great day!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Ricky Doyle <rickydoyle@seatracker.ca>
Sent: January 29, 2019 9:46 AM
To: Dupuis, Monique
Subject: Re: Discussion Lobster DMP for Gulf Region

Anything in particular i should be prepared for?

On Tue, Jan 29, 2019, 9:42 AM Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Excellent. Looking forward to the discussion. ☺

Monique

Monique Dupuis

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Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Ricky Doyle <rickydoyle@seatracker.ca>
Sent: January 29, 2019 9:41 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Re: Discussion Lobster DMP for Gulf Region

Yes I can do 3 pm.

On Tue, Jan 29, 2019, 9:34 AM Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Hi,

Would 3pm this afternoon be possible? If not, I can schedule for tomorrow.

s.16(2)(c)

Coordinates to join the meeting:

1-877-413-4781

ID Code: 

Thank you and have a great day!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Ricky Doyle <rickydoyle@seatracker.ca>

Sent: January 29, 2019 9:06 AM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Subject: Re: Discussion Lobster DMP for Gulf Region

Pretty flexible. I do have a meeting at 2 today but after that I can move stuff around to accommodate.

On Tue, Jan 29, 2019, 9:04 AM Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Bonjour,

Are you flexible anytime during the day or is there a time range that works best for you?

Thanks!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Ricky Doyle <rickydoyle@seatracker.ca>

Sent: January 29, 2019 9:02 AM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Subject: Re: Discussion Lobster DMP for Gulf Region

Yes anyday but Friday works.

On Tue, Jan 29, 2019, 8:58 AM Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Bonjour Ricky,

We would like to have a teleconference discussion on lobster DMP in the Gulf Region. Would you be available this week for a 30-60 minutes discussion ? If so, we will provide you with the log-in number.

Thank you and have a great day!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

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Dupuis, Monique

From: Dupuis, Monique
Sent: January 30, 2019 9:43 AM
To: Massiera, Josiane
Subject: RE: DMP Lobster

I booked us the C&P Ops room for this meeting. It is available.

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
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-----Original Appointment-----

From: Massiera, Josiane
Sent: January 29, 2019 4:28 PM
To: Massiera, Josiane; Dupuis, Monique; Comeau, Sandra J
Subject: DMP Lobster
When: January 30, 2019 11:15 AM-12:00 PM (UTC-04:00) Atlantic Time (Canada).
Where: Call-in: 1-877-413-4781 ID: [REDACTED] mon bureau ou Ops room

s.16(2)(c)

Dupuis, Monique

From: Dupuis, Monique
Sent: January 30, 2019 11:17 AM
To: Comeau, Sandra J
Subject: Josiane is running late

Hi,
Josianne is running late for the meeting at 11:15am. As soon as she is available, we will connect to the line.

Thanks!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
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s.16(2)(c)

Dupuis, Monique

From: Dupuis, Monique
Sent: January 31, 2019 10:07 AM
To: 'Serge Chiasson'
Subject: RE: Discussion sur le PVQ du homard de la région du Golfe

Bonjour Serge,
Je ne pense pas vous avoir envoyé les coordonnées pour la réunion de cet après-midi. Les voici :

1-877-413-4781

ID Code: [REDACTED]

Bonne journée !
Monique

Monique Dupuis
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From: Serge Chiasson <serge.chiasson@pesepeche.com>
Sent: January 30, 2019 11:34 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Re: Discussion sur le PVQ du homard de la région du Golfe

Oui pas de problème

From: [Dupuis, Monique](#)
Sent: Wednesday, January 30, 2019 9:38 AM
To: [Serge Chiasson](#)
Subject: RE: Discussion sur le PVQ du homard de la région du Golfe

Allo,
Est-ce que demain à 14h30 vous va?

Merci et bonne journée !
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
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Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Serge Chiasson <serge.chiasson@pesepeche.com>
Sent: January 30, 2019 9:32 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Re: Discussion sur le PVQ du homard de la région du Golfe

Bonjour Monique

Il a aucun problème pour l'appel conférence juste a avisé à l'avance

Merci
Bonne journée

Serge Chiasson
Pèse Pêche Inc.

From: Dupuis, Monique
Sent: Tuesday, January 29, 2019 8:58 AM
To: Serge Chiasson
Subject: Discussion sur le PVQ du homard de la région du Golfe

Bonjour Serge,
Nous aimerions avoir une discussion par appel-conférence pour discuter du PVQ dans le homard pour la région du Golfe. Est-ce que vous êtes disponible cette semaine pour une discussion d'environ 30-60 minutes à ce sujet ? Nous vous fournirons le numéro pour l'appel conférence.

Merci et bonne journée.
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Dupuis, Monique
Sent: January 30, 2019 3:47 PM
To: 'Island Weigh 95, Inc.'
Subject: RE: Discussion on Lobster DMP for the Gulf Region

Bonjour Tammy,
We are consulting with each DMC separately, so only Island Weigh will be on the call along with Josiane Massiera (DFO Resource Management), Ben Moore (DFO PEI) and myself.

Thanks!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Island Weigh 95, Inc. <Islandweigh@hotmail.com>
Sent: January 30, 2019 2:16 PM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Re: Discussion on Lobster DMP for the Gulf Region


Yes. May I ask is this with just Island Weigh or are all DMC's going to be in on this conference Call? Thanks.

Tammy

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: January 30, 2019 12:28 PM
To: Island Weigh 95, Inc.
Subject: RE: Discussion on Lobster DMP for the Gulf Region

Bonjour Tammy,
Thank you for your reply.

Would Monday afternoon at 1pm work for you?

The coordinates to join are as follows:
1-877-413-4781
ID Code: 

s.16(2)(c)

Thank you and have a great day!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Island Weigh 95, Inc. <Islandweigh@hotmail.com>
Sent: January 30, 2019 1:05 PM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Re: Discussion on Lobster DMP for the Gulf Region

Hi,
Yes I can be available from 1-3 tomorrow Jan 31, 2019 or Monday or Tuesday of next week would work as well.

Tammy

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: January 30, 2019 7:29 AM
To: Island Weigh 95, Inc.
Subject: RE: Discussion on Lobster DMP for the Gulf Region

Bonjour Tammy,
Thank you for your reply. Is there another time slot you would be available? Benjamin Moore is also going to participate to the call and he has a conflict during this time.

Thank you and have a great day!
Monique

Monique Dupuis
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Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Island Weigh 95, Inc. <Islandweigh@hotmail.com>
Sent: January 29, 2019 10:01 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Re: Discussion on Lobster DMP for the Gulf Region

Hi Monique,

I can be available this Thursday Jan. 31, 2019 in the morning from 10 am -12 pm.

Tammy

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Sent: January 29, 2019 7:58 AM

To: Island Weigh 95, Inc.

Subject: Discussion on Lobster DMP for the Gulf Region

Bonjour Tammy,

We would like to have a teleconference discussion on lobster DMP in the Gulf Region. Would you be available this week for a 30-60 minutes discussion ? If so, we will provide you with the log-in number.

Thank you and have a great day!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Dupuis, Monique
Sent: January 31, 2019 1:20 PM
To: 'Albert Gaudet'
Subject: RE: Discussion Lobster DMP for Gulf Region

Bonjour Albert,
Thank you for the follow-up.

We will share these stats as soon as we are done with our consultations, most likely by the end of next week.

Have a great day!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
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Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Albert Gaudet <AGaudet@atlanticcatchdata.ca>
Sent: January 31, 2019 1:05 PM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Discussion Lobster DMP for Gulf Region

Hi Monique, as per our conference call yesterday, ACD covers from Port Hood to NB border in the gulf so we would be interested in getting last year's licenses by port for that area.
With these numbers we would be able to project looking for staff to facility deployments.

Regards

Albert Gaudet

From: Dupuis, Monique [<mailto:Monique.Dupuis@dfo-mpo.gc.ca>]
Sent: January-29-19 9:30 AM
To: Greg Connor
Cc: Albert Gaudet
Subject: RE: Discussion Lobster DMP for Gulf Region

Bonjour Greg
Thank you for the quick reply.

Could we schedule tomorrow afternoon at 2pm?
Meeting coordinates are as follows:
1-877-413-4781
ID Code: XXXXXXXXXX

Thank you and have a great day!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Greg Connor <GConnor@atlanticcatchdata.ca>
Sent: January 29, 2019 9:19 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Cc: Albert Gaudet <AGaudet@atlanticcatchdata.ca>
Subject: RE: Discussion Lobster DMP for Gulf Region

Hello Monique,

Albert should be available this week, but we would both like to be involved in this discussion. I will be in Yarmouth tomorrow and Thursday, we can be both be on the teleconference. Could we have the teleconference on Wednesday afternoon or Thursday morning?

Regards, Greg

Greg Connor
President
Atlantic Catch Data Ltd.

1801 Hollis Street, Suite 1220
Halifax, Nova Scotia
CANADA B3J 3N4

Office: +1-902-422-4745
Cell: +1-902-449-5996
Fax: +1-902-422-9780

Web: www.atlanticcatchdata.ca

From: Dupuis, Monique [<mailto:Monique.Dupuis@dfo-mpo.gc.ca>]
Sent: Tuesday, January 29, 2019 8:59 AM
To: Greg Connor
Subject: Discussion Lobster DMP for Gulf Region

Bonjour Greg,
We would like to have a teleconference discussion on lobster DMP in the Gulf Region.

Our usual contact for Gulf DMP is Albert Gaudet, but I understand he [REDACTED]? As Operations Manager, would you be available this week for a 30-60 minutes discussion? If so, we will provide you with the log-in number.

Thank you and have a great day!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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s.16(2)(c)

s.19(1)

Dupuis, Monique

From: Dupuis, Monique
Sent: January 31, 2019 1:28 PM
To: 'Rita Maillet'
Cc: DMP, Seefish
Subject: RE: Discussion on Lobster DMP for Gulf Region

Bonjour Rita,
The coordinates to join are as follows:
1-877-413-4781
ID Code: [REDACTED]

Looking forward to our discussion tomorrow at 11am.

Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
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Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Rita Maillet [REDACTED]
Sent: January 31, 2019 1:11 PM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Re: Discussion on Lobster DMP for Gulf Region

Hi this is Rita maillet
Marjorie would like to have February 1 at 11:00 for the call please send instruction
Thank you
Seefish

Sent from [REDACTED]

On Jan 31, 2019, at 11:28 AM, Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Bonjour Marjorie,
We will work around your schedule. May I propose the following date and time:
Friday February 1st (tomorrow) at 11am, 1pm or 2pm
Tuesday February 4th at 10am, 1pm, 2pm or 3pm.

Thank you and have a great day!
Monique

s.19(1)

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Marjorie <leemanm@nbnet.nb.ca>
Sent: January 31, 2019 11:25 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Cc: Rita Maillet [REDACTED]
Subject: RE: Discussion on Lobster DMP for Gulf Region

Would this be today, Thursday or Tomorrow, Friday. I can make myself available if I know.

From: Dupuis, Monique [<mailto:Monique.Dupuis@dfo-mpo.gc.ca>]
Sent: January-29-19 8:58 AM
To: DMP, Seefish
Subject: Discussion on Lobster DMP for Gulf Region

Bonjour Marjorie,
We would like to have a teleconference discussion on lobster DMP in the Gulf Region. Would you be available this week for a 30-60 minutes discussion ? If so, we will provide you with the log-in number.

Thank you and have a great day!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ ,
Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
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 Virus-free. www.avg.com

Dupuis, Monique

From: Dupuis, Monique
Sent: January 31, 2019 3:36 PM
To: 'Island Weigh 95, Inc.'
Subject: RE: Annual DMP Meeting / Réunion annuelle du PVQ

Bonjour Tammy,

Keep in mind I do plan to make a visit to meet you as soon as the weather will improve a bit. Winter has started really early this year and I just started in this role at the end of October so weather has made it a bit challenging for me to travel to meet you. If there are things you want to discuss that are more of a private matter, we can certainly discuss them at that time.

Have a great day!
Monique

Monique Dupuis
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From: Island Weigh 95, Inc. <Islandweigh@hotmail.com>
Sent: January 31, 2019 3:05 PM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Re: Annual DMP Meeting / Réunion annuelle du PVQ

Hi Monique,

Strange, I was scheduled March 6, 2019 for 2 other annual meetings prior to this announcement, but I have asked permission to be absent to at these so to be able to attend DMC Annual. Permission was granted by both parties.

I do have items that may or may not be put on the agenda, I will forward them before Feb. 8, 2019.

I will be away Feb. 1-3 and returning Monday morning. Thanks.

Tammy

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: January 29, 2019 10:55 AM
To: Dupuis, Monique
Subject: Annual DMP Meeting / Réunion annuelle du PVQ

Un message français suivra....

Hello,

I am in the preliminary stage of organizing the Annual DMP meeting in Moncton/Dieppe, NB area (location is still to be determined). The meeting is scheduled for March 6, 2019. Formal communication and invitation will be sent once everything is finalized.

Should you have any items for discussion, please send them to my attention by the end of day Friday, February 8, 2019

Regards,

Bonjour,

Je suis dans la planification préliminaire à l'organisation de la réunion annuelle du PVQ qui se tiendra à Moncton/Dieppe, N.-B. (le lieu est encore à déterminer) le 6 mars 2019. Une fois la planification terminée, je vous enverrai l'invitation formelle.

Prière de m'envoyer vos points de discussion d'ici la fin de la journée le vendredi 8 février 2019.

Bien à vous ;

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

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Dupuis, Monique

From: Dupuis, Monique
Sent: February 1, 2019 1:45 PM
To: Croft, Greg
Subject: RE: Query - Inshore Lobster
Attachments: Scanned from a Xerox multifunction device.pdf; Lobster Condition of license.pdf

Hi Greg,
Happy Friday!

The current paper log for lobster is pretty simple. See attachment 1. We will have a voluntary Elog in 2019 that it is my understanding will ask for more data. In 2nd attachment is a license condition for Lobster in the LFA 25.

Give me a call so we can discuss the details. ☺

Thanks!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Croft, Greg <Greg.Croft@dfo-mpo.gc.ca>
Sent: February 1, 2019 10:46 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Query - Inshore Lobster

We are interested in your trial of DMP in the inshore lobster fishery.

I'm wondering how your current logbook is set up for information returns and what your lobster licence requires for fishers in the reporting catch portions. If I could have an electronic copy of each please? It would help.

We looked at the idea of some lobster DMP last year, and are interested in seeing how you will set it up and get a trial going.

It's a complex fishery and in Maritimes the way we've structured our logbook and laid out our licence requirements, it is difficult to have the verification of catch weights done.

Looking forward to learning your best practices!!

Cheers!

Greg Croft

Monitoring Programs Coordinator – Conservation & Protection Branch
Fisheries and Oceans Canada / Government of Canada

Greg.Croft@dfo-mpo.gc.ca Tel : 902-426-5470,
Fisheries and Oceans Canada / Canada Government of Canada

Programmes Surveillance Coordinateur – Direction de la conservation et de la protection
Greg.Croft@dfo-mpo.gc.ca Tél. :902-426-5470,
Pêches et Océans Canada | Gouvernement du Canada

If you have received this communication by mistake, please notify the sender immediately and delete the communication without printing, copying or forwarding it. Thank you.

Si vous avez reçu cette communication par erreur, veuillez en aviser l'expéditeur immédiatement et la supprimer sans l'imprimer, la copier, ou la faire suivre. Merci.

Zone de Journal de Bord

Signature _____



Conditions - 2018

Issuing Region	GULF
ID	303
Version	1
Description	LOBSTER LFA 25 NB SHEDIAC BRIDGE LC
Comments	

2018 LICENCE CONDITIONS
VALID FOR FISHING LOBSTER
IN LOBSTER FISHING AREA 25

This licence confers on the licence holder/operator, subject to the Fisheries Act and Regulations made thereunder, the authority to fish under the conditions set out below:

1. FISHING AREA

This licence authorizes fishing for lobster in the waters of Lobster Fishing Area 25 (LFA 25) only.

2. FISHING GEAR

2.1 These licence conditions authorize the use of the following gear: ^GEAR^

2.2 No person shall fish with or have on board a vessel a lobster trap unless that lobster trap has, in the exterior wall of each parlour, and not more than 76 mm from the floor of the trap, at least one unobstructed rectangular opening with a height of not less than 44 mm and a width of not less than 127 mm, or at least one unobstructed rectangular opening with a height of not less than 43 mm and a width equal or greater than 254 mm.

2.3 No person shall fish with or have on board a vessel a lobster trap unless the lobster trap has, on one exterior wall of each parlour, a biodegradable mechanism that provides, when removed, an unobstructed opening that meets the requirements set out in either item a or b below.

(a) When using a trap with a rigid parlour (e.g. wire mesh), the biodegradable mechanism, when removed, must provide an unobstructed opening not less than 89 mm in height and 148 mm in width. The mechanism shall be attached to either the outside or inside of an exterior side wall of each parlour and it shall only be fastened at a maximum of four points (looped once) and may be interlaced once through each mesh using only 100% natural untreated cotton not greater than 3.5 mm in diameter. The mechanism shall not be hinged at any points of contact;

(b) When using a trap with a non-rigid parlour (e.g. nylon mesh), a minimum of five meshes must be cut and the biodegradable mechanism, when removed, must provide an unobstructed rectangular horizontal opening not less than 89 mm in height and 148 mm in width. The mechanism to fasten the opening must be made of 100% natural untreated cotton twine not greater than 3.5 mm in diameter fastened at each end (looped once) of the opening and interlaced once through each



mesh of the opening.

2.4 No person shall fish with or have on board a vessel a lobster trap that has a hoop entrance which has an inside diameter which exceeds 152 mm at the widest point.

2.5 No material or device of any kind shall obstruct the hoop entrance of the trap.

2.6 No person shall have onboard the vessel authorized to fish under the authority of this license, any crab trap, bait trap, or any other form of trap other than a trap which meets the requirements of these license conditions as set out in in Sections 2.2, 2.3, 2.4, 2.5, 3.1 and 3.2.

2.7 For the purpose of these licence conditions, a primary buoy is defined as: a buoy or other floating device attached to a lobster trap. For the purpose of these licence conditions, a secondary buoy is defined as: a buoy or other floating device attached to a primary buoy.

2.7.1 No rope attaching a lobster trap to a primary buoy shall remain floating on the surface of the water after the lobster trap has been set.

2.7.2 No rope attaching a lobster trap to another lobster trap shall remain floating on the surface of the water after the lobster trap has been set.

2.7.3 A maximum of 3.7 meters of rope shall be used when attaching a primary buoy to a secondary buoy.

2.8 REPORTING OF LOST GEAR:

2.8.1 While fishing under this licence, the licence holder/operator shall report lost gear to Fisheries and Oceans Canada (DFO). The following information shall be declared by email: DFO.GLF.Gear-Engins.GLF.MPO@dfo-mpo.gc.ca within 72 hours of noticing that the gear has been lost:

- a) sequence number of tag attached to the lobster trap that has been lost;
- b) vessel registration number
- c) latitude and longitude of last known position of lost lobster trap; and
- d) date the lobster trap was last fished.

3. TAGS

3.1 The licence holder/operator shall not fish with or have on board the vessel, a lobster trap unless a valid tag with a unique identification number is securely attached to the frame of the lobster trap in the manner for which the tag was designed and in a manner such that the tag is readily visible when the lobster trap is being removed from the water or while preparing to loading or unloading the lobster trap from your vessel. This tagging requirement applies only to fishing gear required to be tagged.

3.2 A lobster trap which is being fished under this licence shall only have one valid tag



attached to the frame.

3.3 A tag is considered a valid tag if:

- a) the tag has a locking device that renders the tag tamperproof;
 - the tag bears a clear and legible unique number composed of the fishing area, a Tag Supplier Identification Number and a sequential number assigned to that tag;
 - the tag manufacturer is identified on the tag; and
 - the tag has been obtained by the licence holder from a supplier identified in a tagging plan approved by DFO, and
- b) the tag is an original tag, in which case the color is yellow, unless the tag is to remain on the fishing gear for more than one year (multi-year), in which case the tag must be white in colour or made of metal;
 - the tag is identified on the Record of Fishing Gear Tags Form provided with this licence and is not identified as a replaced tag number under column III of the same record, or
- c) the tag is a replacement tag, in which case, its colour is pale blue.

3.4 While fishing under this licence, the licence holder/operator shall only use tags that have been obtained from a single tag supplier.

3.5 While fishing under this licence, the licence holder/operator shall not fish with more lobster traps at any one time than the maximum number of lobster traps specified in this licence;

3.6 a) Where a vessel is used for fishing, prior to setting any lobster traps carried on board that vessel, the licence holder/operator shall, at all times while fishing under this licence, have on board the vessel a complete and legible Record of Fishing Gear Tags Form as provided with this licence, listing:

- the first and last sequence numbers for all original tags attached to the lobster trap carried on board the vessel or being fished under this licence;
- the name of the tag supplier from which the tags have been obtained;
- the tag numbers of replacement tags utilized or carried on board;
- the date that those replacement tags were attached to the fishing gear; and
- the tag number of the original or replacement tags being replaced.

b) The prescribed record shall be kept on the Record of Fishing Gear Tags Form provided with this licence and shall be produced upon the demand of a Fishery Officer or a Fishery Guardian.

3.7 An original or replacement tag that is listed as having been replaced in column III of the Record of Fishing Gear Tags is no longer a valid tag.

3.8 Where fishing is conducted under an arrangement (partnership, buddy-up) approved by DFO, the



Record of Fishing Gear Tags associated with all the licences being fished with this vessel shall be kept on board the vessel for the period authorized to fish under this licence.

3.9 When a vessel is used for fishing, all replacement tags shall be carried on board the vessel unless they are attached to the frame of the lobster trap being fished under this licence. These tags shall be produced upon the demand of a Fishery Officer or a Fishery Guardian.

4. DISCARDING

4.1 All lobster must be measured immediately after removal from the trap. If the length of the lobster is less than the minimum length specified by the regulations for the lobster fishing area authorized by this licence or it is a female lobster of a length of 115 mm or greater, it shall be returned to the water immediately in a manner that causes it the least harm.

5. FISHING RESTRICTIONS

5.1 The loading and landing of lobster traps, as well as the off-loading of the catch must occur at one of the following Eastern New Brunswick ports:

Pointe du Chêne
Robichaud
Aboiteau
Cap Pelé
Petit Cap
Botsford/Murray Corner
Cape Tormentine

6. INCIDENTAL CATCH

6.1 The licence holder/operator is required to forthwith return all incidentally caught fish of all species, except male rock crab, sculpin and cunner to the water and place from which it was taken; and where it is alive, in a manner that causes it the least harm.

7. SPECIES AT RISK ACT

7.1 In accordance with the recovery strategy for the Northern wolffish (*Anarhichas denticulatus*) and spotted wolffish (*Anarhichas minor*) and for the leatherback turtle (*Dermochelys coriacea*), the licence holder/operator is permitted to carry out commercial fishing activities authorized under the Fisheries Act that may incidentally kill, harm, harass, capture or take the Northern wolffish or the spotted wolffish or the leatherback turtle, as per subsection 83(4) of the Species At Risk Act (SARA).

7.2 The following conditions apply:

- a) This authorization is only valid while commercial fishing is conducted under the authority of the licence issued under the Fisheries Act in all authorized waters under this licence.
- b) The licence holder/operator is required to ensure that, while the fishing activities are conducted, every person on board the vessel who incidentally catches a Northern wolffish or the



spotted wolffish or the leatherback turtle forthwith returns it to the place from which it was taken, and where it is alive, in a manner that causes it the least harm.

7.3 SARA Reporting requirements

a) Only the Species at Risk Logbook and Species at Risk Logbook - Instructions documents that are provided with these licence conditions shall be utilized.

b) The Species at Risk Logbook shall be completed as per the Species at Risk Logbook - Instructions document PRIOR TO ENTERING PORT.

c) The Species at Risk Logbook must be signed by the licence holder/operator.

d) The Species at Risk Logbook must be returned no later than 7 calendar days after the closure of the fishing season, even if there was no interaction with a species at risk, at the following address:

Fisheries and Oceans Canada, Statistics Division
P.O. Box 5030
Moncton, N.B. E1C 9B6

8. ASSISTING FOR EMBARKING AND DISEMBARKING

8.1 Where a Fishery Officer or an observer designated pursuant to subsection 39.(1) of the Fishery (General) Regulations, has to climb up or down more than 1.2 meters to embark or disembark from the fishing vessel, the licence holder/operator shall provide the Fishery Officer or observer a pilot ladder or other equipment that provides equally safe and convenient access to and egress from the vessel.

9. LOGBOOK

9.1 Pursuant to Section 61 of the Fisheries Act, when fishing, a true and up-to-date record of all fishing activities and catch shall be maintained in an approved Lobster Fishery Logbook. Approved logbooks shall be of a format approved by DFO and must be obtained from a pre-qualified supplier approved by DFO.

9.2 The Lobster Fishery Logbook shall be completed as per instructions contained within the Lobster Fishery Logbook PRIOR TO ENTERING A PORT. Where lobster and/or any authorized by-catch species are offloaded outside a port such as onto smack boats or for any other reason other than entering into port, the Logbook shall be completed prior to offloading the lobster and/or any authorized by-catch species.

9.3 The Lobster Fishery Logbook must be signed by the licence holder/operator.

9.4 The licence holder/operator shall ensure all Lobster Fishery Logbooks are accurately completed for each fishing trip. Notwithstanding item 14 of the Instructions for Completing the Lobster Logbook, the Lobster Fishery Logbooks, including NIL reports as identified in item 11 of the Instructions for Completing the Lobster Logbook, shall be submitted to Statistics Division, Department of Fisheries and Oceans, P. O. Box 5030, Moncton, N.B. E1C 9B6, on a monthly basis within seven (7) calendar days following the end of each month in which the lobster fishery was



open. The final Lobster Fishery Logbook submission shall be made within seven (7) calendar days following the closure of the lobster season for which these conditions of licence apply.

9.5 The licence holder shall keep a copy of the accurately completed Lobster Fishery Logbook for a period of five (5) years and produce these accurately completed logbooks at the request of any Fishery Officer or Fishery Guardian, or any authority designated by a Fishery Officer or a Fishery Guardian.

10. MARINE MAMMAL INTERACTION REPORTING

- a) The licence holder/operator shall provide information regarding all lethal and non-lethal marine mammal interactions during fishing trips;
- b) For the purpose of subsection a), lethal and non-lethal interactions include bycatch, collision and all sightings of marine mammals entangled in fishing gear;
- c) The licence holder/operator must complete the DFO Marine Mammal Interaction Form and it must be submitted as per the instructions provided on the form.

11. SIGHTINGS OF WHALES

11.1 The licence holder/operator must report any sightings of live and free-swimming whales to 1-844-800-8568 or xmarwhalesightings@dfo-mpo.gc.ca.

12. PROTOCOL FOR THE DYNAMIC MANAGEMENT OF THE FISHERIES

12.1 Where notice has been given by one or more of the methods listed below to cease fishing in accordance with the Protocol for the dynamic management of the fisheries, due to the presence of North Atlantic Right Whales, the licence holder/operator is required to remove all fishing gear and stop fishing effective the time stated in the notice.

- (a) Broadcasting the notice over a commercial or marine radio station, a radio station operated by Fisheries and Oceans Canada (DFO) or a radio station located on a vessel under contract to DFO that broadcasts in the area or vicinity of the area affected by the closure notice; or
- (b) Transmitting the notice by electronic means to those persons; or
- (c) Having a Fishery Officer or Fishery Guardian give oral notice thereof.

13. ANNEXES

13.1 These licence conditions are valid only when the following annexes are attached:
Record of Fishing Gear Tags

14. OTHER

14.1 While fishing under the authority of this licence, no person on board the vessel shall participate in recreational fishing of any kind.

14.2 This licence cancels and replaces any previous issued licence for 2018.



RECORD OF FISHING GEAR TAGS

Name of Tag Supplier : _____

ORIGINAL TAG SEQUENCE NUMBER:

First Tag Number	Last Tag Number

REPLACEMENT TAG SEQUENCE NUMBER

First Tag Number	Last Tag Number	Date replacement tags were obtained (dd/mm/yyyy)

RECORD OF REPLACEMENT TAGS

(use a separate line for each replacement tag)

[illegible]

SPECIES AT RISK LOGBOOK – JOURNAL DE BORD SUR LES ESPÈCES EN PÉRIL

A. GENERAL INFORMATION / RENSEIGNEMENTS GÉNÉRAUX

Licence Holder's Name : _____	V.R.N. : _____	Fishing Licence Number : _____	Directed Species : _____
Nom du détenteur de permis : _____	N.E.B. : _____	Numéro de permis de pêche : _____	Espèce dirigée : _____

B. LOG INFORMATION – BY-CATCH AND DISCARDS / JOURNAL DE BORD – PRISES ACCIDENTELLES ET REJETÉES

Species at Risk -Mandatory Reporting / Espèces en péril - rapport obligatoire

Date MM/DD/YYYY MM/JJ/AAAA	Position Latitude Longitude (DD mm ss)	Spotted Wolffish Loup tacheté		Northern Wolffish Loup à tête large		Leatherback Turtle Tortue luth		Comments / Commentaires
		# of specimens # de spécimens	Condition Alive = A Dead = D Vivant=V Mort = M	# of specimens # de spécimens	Condition Alive = A Dead = D Vivant=V Mort = M	# of specimens # de spécimens	Condition Alive = A Dead = D Vivant=V Mort = M	

<input type="checkbox"/> No species at risk were caught during the fishing activities. Aucune espèce en péril n'a été capturée dans le cadre des activités de pêche.
C. OPERATOR'S SIGNATURE (licence holder/operator or authorized representative) : _____
SIGNATURE DE L'EXPLOITANT (détenteur de permis ou son représentant): _____

REMINDER: Forward this logbook to the address provided in the instructions within 7 days after fishing season closure.

RAPPEL: Le journal de bord doit être envoyé à l'adresse fournie avec les instructions au plus tard 7 jours civils après la fermeture de la saison de pêche.



SPECIES AT RISK LOGBOOK – GULF REGION INSTRUCTIONS

This logbook is designed specifically for all licence holders/operators engaging in activities that may affect a wildlife species listed under the *Species at Risk Act** (SARA). *The species listed under the SARA that may be encountered during fishing activities conducted under this licence are specified in your licence conditions under the SARA clause.

Incidental interactions with a species at risk while carrying out any fishing activity under this licence are not considered to pose a threat to the survival or recovery of the listed species or to any part of its critical habitat or residence. Fishing activities are therefore permitted or exempted (s. 73, s. 75 and s. 83 (4) of the *Species at Risk Act*). However, conditions attached to this licence specify measures that must be taken to minimize the impact of fishing activities on the listed species. These conditions identify the requirement for licence holders to report any by-catch of such species by completing the logbook herein.

A. GENERAL INFORMATION

All the information requested in this section must be filled in. This includes the licence holder's name, the Vessel Registration Number (V.R.N.), the fishing licence number and what directed fishery is being conducted under the licence.

If you hold more than one fishing licence, you must complete one logbook for each licence.

B. LOGBOOK INFORMATION – BY-CATCH, ENTANGLEMENT AND RELEASE

It is essential that all of the logbook information be filled out clearly and completely. When incidents (by-catch or entanglement) occur, please fill in one line in the logbook to record details of the occurrence. The licence holder/operator must record the date (month-day-year) and the position (in latitude and longitude) of the incident occurrence.

For each species caught or entangled, provide the number of specimens and their condition upon release (alive or dead).

Examples of properly completed logbooks (for situations where species at risk are encountered during fishing activities and for situations with no interactions) have been attached to these instructions for your reference.

C. OPERATOR'S SIGNATURE

Each logbook page must be signed by the licence holder/operator.

D. RETURN OF LOGBOOKS

The completed logbook must be returned even if there was no interaction with a species at risk under the authority of this fishing licence.

Logbooks must be returned no later than 7 (seven) calendar days after the closure of the fishing season to the following address:

**Fisheries and Oceans Canada
Statistics Division
P.O. Box 5030
Moncton NB, E1C 9B6**

Important note: The mandatory submission of this log book is intended to collect information about species protected under the *Species at Risk Act*. Your response to this requirement contributes to the Department of Fisheries and Oceans' objective of providing optimal management options that will contribute to the recovery of species at risk while maintaining prosperous fishing activities.



SPECIES AT RISK LOGBOOK – **EXAMPLE** – when **THERE IS INTERACTION** with species at risk
JOURNAL DE BORD – ESPÈCES EN PÉRIL – **EXEMPLE** - quand IL Y A INTERACTION avec les espèces en péril

A. GENERAL INFORMATION / RENSEIGNEMENTS GÉNÉRAUX

Licence Holder's Name : <u>John Doe</u>	V.R.N. : <u>123456</u>	Fishing Licence Number : <u>123456</u>	Directed Species : <u>Herring</u>
Nom du détenteur de permis : _____	N.E.B. : _____	Numéro de permis de pêche : _____	Espèce dirigée : _____

B. LOG INFORMATION – BY-CATCH AND DISCARDS / JOURNAL DE BORD – PRISES ACCIDENTELLES ET REJETÉES

Species at Risk -Mandatory Reporting / Espèces en péril - rapport obligatoire

Date MM/DD/YYYY MM/JJ/AAAA	Position Latitude Longitude (DD mm ss)	Spotted Wolffish Loup tacheté		Northern Wolffish Loup à tête large		Leatherback Turtle Tortue luth		Comments / Commentaires
		# of specimens # de spécimens	Condition Alive = A Dead = D Vivant=V Mort = M	# of specimens # de spécimens	Condition Alive = A Dead = D Vivant=V Mort = M	# of specimens # de spécimens	Condition Alive = A Dead = D Vivant=V Mort = M	
07/09/2015	46° 40' 00"	1	D			1	A	They were caught in my nets
	64° 43' 00"							

☐ No species at risk were caught during the fishing activities.
Aucune espèce en péril n'a été capturée dans le cadre des activités de pêche.

C. OPERATOR'S SIGNATURE (licence holder/operator or authorized representative) : John Doe

SIGNATURE DE L'EXPLOITANT (détenteur de permis ou son représentant): _____

REMINDER: Forward this logbook to the address provided in the instructions within 7 days after fishing season closure.

RAPPEL: Le journal de bord doit être envoyé à l'adresse fournie avec les instructions au plus tard 7 jours civils après la fermeture de la saison de pêche.

SPECIES AT RISK LOGBOOK – EXAMPLE – when THERE IS NO INTERACTION with species at risk
JOURNAL DE BORD – ESPÈCES EN PÉRIL – EXEMPLE - quand IL N'Y A PAS D' INTERACTION avec les espèces en péril

A. GENERAL INFORMATION / RENSEIGNEMENTS GÉNÉRAUX

Licence Holder's Name : <u>John Doe</u>	V.R.N. : <u>123456</u>	Fishing Licence Number : <u>123456</u>	Directed Species : <u>Lobster</u>
Nom du détenteur de permis : _____	N.E.B. : _____	Numéro de permis de pêche : _____	Espèce dirigée : _____

B. LOG INFORMATION – BY-CATCH AND DISCARDS / JOURNAL DE BORD – PRISES ACCIDENTELLES ET REJETÉES

Species at Risk -Mandatory Reporting / Espèces en péril - rapport obligatoire

Date MM/DD/YYYY MM/JJ/AAAA	Position Latitude Longitude (DD mm ss)	Spotted Wolffish Loup tacheté		Northern Wolffish Loup à tête large		Leatherback Turtle Tortue luth		Comments / Commentaires
		# of specimens # de spécimens	Condition Alive = A Dead = D Vivant=V Mort = M	# of specimens # de spécimens	Condition Alive = A Dead = D Vivant=V Mort = M	# of specimens # de spécimens	Condition Alive = A Dead = D Vivant=V Mort = M	

☒ No species at risk were caught during the fishing activities.
Aucune espèce en péril n'a été capturée dans le cadre des activités de pêche. .

C. OPERATOR'S SIGNATURE (licence holder/operator or authorized representative) : John Doe

SIGNATURE DE L'EXPLOITANT (détenteur de permis ou son représentant): _____

REMINDER: *Forward this logbook to the address provided in the instructions within 7 days after fishing season closure*

RAPPEL: *Le journal de bord doit être envoyé à l'adresse fournie avec les instructions au plus tard 7 jours civils après la fermeture de la saison de pêche.*



WHERE TO OBTAIN LOGBOOKS

For more information on pre-qualified suppliers identified and approved by Fisheries and Oceans Canada, please consult the following website: <http://www.dfo-mpo.gc.ca/fm-gp/sdc-cps/nir-nei/log-suppliers-eng.htm>

OR

In Google search engine, type: Service Delivery Changes – Prequalified Logbook Providers

The first returned result on the list is the correct one.

Service Delivery Changes - Prequalified Logbook Suppliers

www.dfo-mpo.gc.ca > Home > Fisheries > Service Delivery Changes ▾

Mar 4, 2014 - **Prequalified. Prequalified logbook** and combined form **suppliers** will be posted as they are approved. Gulf Region; Maritimes Region; Quebec ...

OR

On the Department of Fisheries and Oceans website www.dfo-mpo.gc.ca, write “Prequalified Logbook Providers” in the search field on the top right hand corner of the screen. The first returned result on the list is the correct one.





MARINE MAMMAL INTERACTION FORM

Protected B

Please fill out every section below. Once completed, this form must be submitted to DFO as per instructions on page 2.

<u>Interaction Information</u> Interaction Date: _____ Interaction Time: _____ Location: _____ Latitude: _____ Deg _____ Min Longitude: _____ Deg _____ Min		<u>Individual Observing the Information</u> Name: _____ Address: _____ Phone: _____ Province: _____ Email: _____ Vessel: _____ Target Species: _____ Gear Type: _____		<u>Identifier</u> Logbook #: _____ Other: _____ <u>Gear Damage</u> Gear damage: <input type="checkbox"/> yes or <input type="checkbox"/> no Gear lost: <input type="checkbox"/> Yes or <input type="checkbox"/> No Cause: <input type="checkbox"/> Known or <input type="checkbox"/> Unknown Comments: _____	
<u>Species (check one)</u> Dolphin / Porpoise <input type="checkbox"/> Species code: _____ <input type="checkbox"/> Unidentified Whale <input type="checkbox"/> Species code: _____ <input type="checkbox"/> Unidentified Seal / Sea Lion <input type="checkbox"/> Species code: _____ <input type="checkbox"/> Unidentified		<u>Incident type</u> <input type="checkbox"/> Dead animal <input type="checkbox"/> Live Stranding <input type="checkbox"/> Other: _____ <input type="checkbox"/> Entanglement <input type="checkbox"/> Shooting <input type="checkbox"/> Collision <input type="checkbox"/> Sick or Injured <input type="checkbox"/> Harassment <input type="checkbox"/> Depredation		<u>Animal Condition</u> <input type="checkbox"/> Appears Healthy <input type="checkbox"/> Sick or Injured <input type="checkbox"/> Dead <input type="checkbox"/> Unknown	
		<u>ID Confidence</u> <input type="checkbox"/> Certain <input type="checkbox"/> Probable <input type="checkbox"/> Possible <input type="checkbox"/> Uncertain		<u>Number of Animals</u> Min # _____ Max # _____ Best # _____	
		<u>Body Length</u> <input type="checkbox"/> <1m (<3 ft) <input type="checkbox"/> 3-8m (10-25 ft) <input type="checkbox"/> 1-1.5m (3-5 ft) <input type="checkbox"/> 8-16m (25-50 ft) <input type="checkbox"/> 1.5-2m (5-7 ft) <input type="checkbox"/> 16-26m (50-80 ft) <input type="checkbox"/> 2-3m (7-10 ft) <input type="checkbox"/> >26m (>80 ft) <input type="checkbox"/> Other: _____ (m/ft)			
<u>Description: (shape, colour, markings, behaviour)</u> _____ _____ _____ _____ _____ _____ _____ _____ _____		<u>Comments: (timeline, actions, people involved, etc)</u> _____ _____ _____ _____ _____ _____ _____ _____ _____			



INSTRUCTIONS FOR COMPLETING THE MARINE MAMMAL INTERACTION FORM

As per the Fisheries General Regulations under the Fisheries Act, this reporting form must be completed immediately after any accidental contact between a marine mammal and a vessel or fishing gear.

The completed form must be sent to the following email address:

Email: DFO.NAT.InteractionsMM-InteractionsMM.NAT.MPO@dfo-mpo.gc.ca

The licence holder is required to report an incidental mortality or injury within 48 hours after the end of the fishing trip (even if an observer is on board). A separate report form is required for each incident, for each date, and for each location.

GOAL OF DATA COLLECTION

The information supplied on this form will be used by the Department of Fisheries and Oceans Canada to estimate levels of incidental mortalities and injuries to marine mammals. This information allows DFO to better assess the types of threats that may be affecting Canada's marine mammals and develop mitigation strategies. Certain information supplied on this form may be considered proprietary and therefore subject to data confidentiality restrictions of the Privacy Act.

SPECIES AND STOCK CODES FOR MARINE MAMMALS

Seals and sea lions and Otters	Dolphins and Porpoises	Toothed and baleen whales
100- Steller (northern) sea lion	047- Atlantic white-sided dolphin	002- North Atlantic right whale
101- California sea lion	049- Pacific white-sided dolphin	005- Gray whale
105- Northern (Pribilof) fur seal	053- Common dolphin	007- Fin whale
115- Harbor seal		010- Minke whale
116- Spotted seal	055- Grampus (Risso's) dolphin	011- Humpback whale
117- Ringed seal	058- Spotted dolphin	012- Sperm whale
121- Ribbon seal	060- Spinner dolphin	016- Beluga whale
124- Gray seal	061- Striped dolphin	038- False killer whale
	063- Northern right whale dolphin	039- Killer whale
129- Northern elephant seal	068- Harbor porpoise	221- Pilot whale
130- Bearded seal	072- Dall's porpoise	230- Beaked whale
131- Harp seal	235- Unidentified small cetacean	231- Bryde's whale
132- Hooded seal		
135 – Sea Otter		210- Unidentified baleen whale
204- Unidentified seal		
203- Unidentified sea lion		220- Unidentified toothed whale
Other Marine Mammals		
114- Walrus	135- Sea otter	



<h2>Report North Atlantic Right Whale sightings</h2>		<h2>Signalez les observations de baleines noires de l'Atlantique Nord</h2>	
<p>V-shape blow Souffle en forme de V</p>	<p>Y-shape black tail Queue noire en forme de Y</p>	<p>No dorsal fin White spots on head Pas de nageoire dorsale Taches blanches sur la tête</p>	
<h3>MAINTAIN A MINIMUM 100 METRE DISTANCE</h3>		<h3>GARDEZ UNE DISTANCE MINIMALE DE 100 MÈTRES</h3>	
<p>PLEASE PROVIDE:</p> <ul style="list-style-type: none"> • Contact information • Date and time of sighting • Lat/Long coordinates • Number of Right Whales observed • Photos and/or videos (if possible) 		<p>SVP VEUILLEZ FOURNIR :</p> <ul style="list-style-type: none"> • Vos coordonnées • Date et heure de l'observation • Coordonnées Lat./Long. • Nombre de baleines noires observées • Photos et/ou vidéos (si possible) 	
<p>Sightings of live, free-swimming North Atlantic Right Whales must be reported to:</p>		<p>Les observations de baleines noires de l'Atlantique Nord vivantes et nageant librement doivent être signalées au :</p>	
<p>Phone : 1-844-800-8568 Email: XMARwhalesightings@dfo-mpo.gc.ca</p>		<p>Téléphone : 1-844-800-8568 Courriel : XMARwhalesightings@dfo-mpo.gc.ca</p>	
<p>Sightings of entangled, dead, or injured North Atlantic Right Whales must be reported to the following regional organizations:</p>		<p>Les observations de baleines noires de l'Atlantique Nord enchevêtrées, blessées ou mortes doivent être signalées aux organisations régionales suivantes :</p>	
<p>New Brunswick, Nova Scotia, Prince Edward Island: Marine Animal Response Society at 1-866-567-6277</p>		<p>Nouveau-Brunswick, Nouvelle-Écosse, Île-du-Prince-Édouard : Marine Animal Response Society au 1-866-567-6277</p>	
<p>Quebec: Marine Mammal Emergencies at 1-877-722-5346</p>		<p>Québec : Urgences Mammifères Marins au 1-877-722-5346</p>	
<p>Newfoundland and Labrador: Whale Release and Strandings at 1-709-895-3003</p>		<p>Terre-Neuve-et-Labrador : Whale Release and Strandings au 1-709-895-3003</p>	

s.16(2)(c)

Dupuis, Monique

From: Dupuis, Monique
Sent: February 4, 2019 9:55 AM
To: 'Prescille Desveaux'
Subject: RE: discussion on Lobster DMP for Gulf Region

Bonjour Prescille,
My apologies. Yes we are still on for 11am. The log-in information for this call is the following:
1-877-413-4781
ID Code: [REDACTED]

Talk to you soon! ☺
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Prescille Desveaux <pdesveaux@aim.com>
Sent: February 4, 2019 9:42 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Re: discussion on Lobster DMP for Gulf Region

Good Morning Monique

Just wondering if we are still on for our call at 11 am? And if so do I need a login number for the call?

Thanks

Prescille Desveaux, General Manager
Cheticamp Monitoring Association
P.O. Box 960
Cheticamp, NS B0E 1H0
Tel: 902-224-1100
Fax: 902-224-1086

-----Original Message-----

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
To: pdesveaux@aim.com <pdesveaux@aim.com>
Sent: Tue, Jan 29, 2019 9:48 am
Subject: RE: discussion on Lobster DMP for Gulf Region

Bonjour Prescille,
Thank you for the quick reply.

We can definitely accommodate next week. Monday, February 4th at 11am, would that work for you?

Thank you and have a great day!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: pdesveaux <pdesveaux@aim.com>
Sent: January 29, 2019 9:40 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Re: discussion on Lobster DMP for Gulf Region

Bonjour Monique,

This week is really not good for me. But if it can't wait I will do my best. I am definitely not available today or Thursday. Will do my best if you try for Wednesday or Friday. Would be available anytime next week.

Prescille

Sent from my Galaxy Tab® S2

----- Original message -----

From: "Dupuis, Monique" <Monique.Dupuis@dfo-mpo.gc.ca>
Date: 2019-01-29 08:58 (GMT-04:00)
To: pdesveaux@aim.com
Subject: discussion on Lobster DMP for Gulf Region

Bonjour Prescille,
We would like to have a teleconference discussion on lobster DMP in the Gulf Region. Would you be available this week for a 30-60 minutes discussion ? If so, we will provide you with the log-in number.

Thank you and have a great day!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
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Dupuis, Monique

From: Dupuis, Monique
Sent: February 6, 2019 9:42 AM
To: Massiera, Josiane
Subject: Re: DMP Lobster

Marjorie at SeeFish wants to meet with me so I am planning to visit her on Tuesday and in PEI on Wednesday.

Sent from my iPhone

> On Feb 6, 2019, at 9:37 AM, Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca> wrote:
>
>
>
> <meeting.ics>

Dupuis, Monique

From: Dupuis, Monique
Sent: February 6, 2019 9:41 AM
To: Massiera, Josiane
Subject: Tentative: DMP Lobster

Dupuis, Monique

From: Dupuis, Monique
Sent: February 7, 2019 10:47 AM
To: 'Ricky Doyle'
Cc: Belliveau, Ron; Mallet, Pierre
Subject: RE: Electronic monitoring

Bonjour Ricky,

Thank you for reaching out to us. Can you please contact me at your convenience so we can discuss? I am available today and tomorrow all day. My number at the office is 506-851-6214.

Thank you and have a great day!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Ricky Doyle <rickydoyle@seatracker.ca>
Sent: February 6, 2019 2:33 PM
To: Belliveau, Ron <Ron.Belliveau@dfo-mpo.gc.ca>; Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>
Cc: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Fwd: Electronic monitoring

Hey Ron and Pierre,

Daniel Lapierre and I had a conversation last year where I felt there was some direct favouritism with a DMC in relation to electronic monitoring. I took the high road on this as I am fully aware of the bashing my company receives at the table from a specific DMC. I have always refrained from those petty interactions. It has unfortunately come to my attention that maybe the internal folks at DFO are indeed listening to this bashing and it may be having a direct impact on my company and how we are perceived within your department for current and future DMP initiatives.

If you look at the data you will see we continue to grow in business from year to year so I can understand people are upset, but I do expect better from people around your tables when you hear the bashing. I do not take this lightly. Please know I am always here to talk about any issue that comes up with regards to my company. We are easy to work with and want to work with you guys so please work with us.

I am sorry to have to bring this up but I hope you understand why it has to be addressed.

Thanks

Ricky Doyle

Sea Tracker Dockside Monitoring
902-882-2625 (office)
902-214-0017 (cell)
www.seatracker.ca

----- Forwarded message -----

From: **Lapierre, Daniel** <Daniel.Lapierre@dfo-mpo.gc.ca>
Date: Tue, Jul 3, 2018 at 11:34 AM
Subject: RE: Electronic monitoring
To: Ricky Doyle <rickydoyle@seatracker.ca>
Cc: Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>

Hello Ricky,

I suggest you touch base with Pierre Mallet (Cc), he may be able to provide you with some updates.

Daniel

From: Ricky Doyle <rickydoyle@seatracker.ca>
Sent: Thursday, June 28, 2018 5:52 PM
To: Lapierre, Daniel <Daniel.Lapierre@dfo-mpo.gc.ca>
Subject: Re: Electronic monitoring

Wanted to follow up on this. Is the pilot still happening?

On Tue, Apr 17, 2018, 8:30 AM Lapierre, Daniel, <Daniel.Lapierre@dfo-mpo.gc.ca> wrote:

Hi Ricky,

Ok good, however quite busy at this time but I will.

Also note that your document has also been shared with the Elog National project team, they're could be some traction for the model you're proposing there as well.

I should be able to call by the end of this week.

Daniel Lapierre

Catch Monitoring Program Coordinator – Conservation and Protection branch

Fisheries and Oceans – Gulf Region/Government of Canada

daniel.lapierre@dfo-mpo.gc.ca / Tel : 506-851-6214 / Cell: 506- [REDACTED] / Fax : 506-851-2504

s.16(2)(c)

Coordonnateur, Programmes de surveillance – Division de la Conservation et Protection

Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

daniel.lapierre@dfo-mpo.gc.ca / Tél : 506-851-6214 / Mobile: 506- [REDACTED] / Télécopieur : 506-851-2504

From: Ricky Doyle [<mailto:rickydoyle@seatracker.ca>]

Sent: Monday, April 16, 2018 4:51 PM

To: Lapierre, Daniel <Daniel.Lapierre@dfo-mpo.gc.ca>

Subject: Re: Electronic monitoring

I am available anytime to discuss.

On Mon, Apr 9, 2018, 4:31 PM Lapierre, Daniel, <Daniel.Lapierre@dfo-mpo.gc.ca> wrote:

Hi Ricky,

Thanks for sharing, we should definitely have a call soon, I would like to clarify some of the elements you've identified.

I'll be available tomorrow.

Daniel

From: Ricky Doyle [mailto:rickydoyle@seatracker.ca]
Sent: Monday, April 9, 2018 9:33 AM
To: Lapierre, Daniel <Daniel.Lapierre@dfo-mpo.gc.ca>
Subject: Re: Electronic monitoring

Hey Daniel,

1. Electronic monitoring is feasible and needed. One of the biggest hiccups we have is human error in the field and access to "real time" information on your end.
2. I have issues with the proposed approach because all DMC's do not have input. It looks like you are favouring one company.
3. I have put a lot of thought and effort into this and know how it needs to be setup from DMC standpoint. My background is IT / User Experience. Not to mention submitting a proposal.
4. The DMC selected is my direct competitor, they already have the majority of the business and this will give them another competitive advantage knowing the inside story on electronic monitoring.

Anyway, we have some frustration over the practice at DFO. During the e-logs this was run fair and a proposal was sent out to industry asking for their participation in the working group, which we gladly did.

Ricky Doyle

Sea Tracker Dockside Monitoring

902-882-2625 (office)

902-214-0017 (cell)

www.seatracker.ca

On Sun, Apr 8, 2018 at 9:21 AM, Lapierre, Daniel <Daniel.Lapierre@dfo-mpo.gc.ca> wrote:

Hi Ricky,

I'll touch base with Pierre Mallet (project lead) at some point next week to see what his views are in regards to the E-DMP data capture pilot, more specifically Sea Tracker's position. I would like to reiterate that I did share Sea Tracker's proposal with both C&P and to the working group early on, however, like I mentioned in a previous email, the focus at this point is, and shall remain on assessing the overall feasibility to see whether E-DMP data capture can realistically be implemented in the Gulf region.

I think It would be beneficial for both the working group and Sea Tracker's if you could identify what are the main concerns at this point so we can focus discussions on these.

Feel free to give me a call this week.

Daniel Lapierre

Catch Monitoring Program Coordinator – Conservation and Protection branch

Fisheries and Oceans – Gulf Region/Government of Canada

daniel.lapierre@dfo-mpo.gc.ca / Tel : 506-851-6214 / Cell: 506-██████████ / Fax : 506-851-2504

s.16(2)(c)

Coordonnateur, Programmes de surveillance – Division de la Conservation et Protection

Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

daniel.lapierre@dfo-mpo.gc.ca / Tél : 506-851-6214 / Mobile: 506-██████████ / Télécopieur : 506-851-2504

From: Ricky Doyle [mailto:rickydoyle@seatracker.ca]

Sent: Tuesday, April 3, 2018 8:08 AM

To: Lapierre, Daniel <Daniel.Lapierre@dfo-mpo.gc.ca>

Subject: Re: Electronic monitoring

DFO and Sea Tracker.

On Tue, Apr 3, 2018, 7:37 AM Lapierre, Daniel, <Daniel.Lapierre@dfo-mpo.gc.ca> wrote:

Hi Ricky,

Away from the office today, and can you specify who you mean by «all of us»?

Daniel

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Ricky Doyle

Sent: Monday, April 2, 2018 1:34 PM

To: Lapierre, Daniel

Cc: Mallet, Pierre

Subject: Re: Electronic monitoring

Can you please arrange a call so all of us can talk this week.

Ricky Doyle

Sea Tracker Dockside Monitoring

902-882-2625 (office)

902-214-0017 (cell)

www.seatracker.ca

On Thu, Mar 29, 2018 at 5:16 PM, Lapierre, Daniel <Daniel.Lapierre@dfo-mpo.gc.ca> wrote:

Hi Ricky,

The project is led by resource management and Pierre Mallet (Cc) would be the one you should contact.

Daniel

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Ricky Doyle

Sent: Thursday, March 29, 2018 4:05 PM

To: Lapierre, Daniel

Subject: Re: Electronic monitoring

Daniel,

Can you confirm who is making the decisions on this? I would like to get in contact with them.

Thanks

Ricky

On Thu, Mar 29, 2018, 9:59 AM Ricky Doyle, <rickydoyle@seatracker.ca> wrote:

Doesn't change my disappointment. I can assure you if Sea Tracker was selected there would be push back. I thought our group had a lot to offer from the DMP, User and Technical side. All DMC's would have had great insight. I will take the high road on this one and shift my focus.

Don't shift your plans because of my disappointment either, I am not that person but I thought it was important to let you know my thoughts.

Ricky

On Thu, Mar 29, 2018, 9:36 AM Lapierre, Daniel, <Daniel.Lapierre@dfo-mpo.gc.ca> wrote:

Hi Ricky,

Our objective at this stage is only to examine the feasibility (logistics) of implementing electronic data capture into DMP, no specific tool developed yet.

Daniel

From: Ricky Doyle [mailto:rickydoyle@seatracker.ca]
Sent: Thursday, March 29, 2018 9:28 AM
To: Lapierre, Daniel <Daniel.Lapierre@dfo-mpo.gc.ca>
Subject: Re: Electronic monitoring

I see. I am disappointed we all weren't given this opportunity. We just lost the competitive edge when electronic monitoring comes into effect.

On Thu, Mar 29, 2018, 9:18 AM Lapierre, Daniel, <Daniel.Lapierre@dfo-mpo.gc.ca> wrote:

RM selected Rock Crab fishery (4 fishers from CFA24) for a test bed which is a rather small fishery with an estimated 70-75 landings; Island Weigh already provided dockside monitoring services to these four fisher so they were selected to take part in the pilot project.

Daniel

From: Ricky Doyle [mailto:rickydoyle@seatracker.ca]
Sent: Thursday, March 29, 2018 9:13 AM
To: Lapierre, Daniel <Daniel.Lapierre@dfo-mpo.gc.ca>
Subject: Re: Electronic monitoring

Hey Daniel,

Thanks for the update. What fishery and DMC was selected and how was that determined?

I simply asked because I have been preaching this since day one and would have loved to been part of the process.

Thanks

Ricky

On Thu, Mar 29, 2018, 8:35 AM Lapierre, Daniel, <Daniel.Lapierre@dfo-mpo.gc.ca> wrote:

Hi Ricky,

Take note that a consultant has submitted a project summary; both a fishery and a DMC have been selected to deliver on this, but yes, you can call today if you wish so we can discuss it.

Dan.

From: Ricky Doyle [mailto:rickydoyle@seatracker.ca]
Sent: Thursday, March 29, 2018 6:56 AM

To: Lapierre, Daniel <Daniel.Lapierre@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>
Subject: Electronic monitoring

Good morning boys,

Hope all is well. I just wanted to follow-up from this winters meeting where electronic monitoring was mentioned to see what the status was. Like to chat further.

Thanks

Ricky

s.19(1)

Dupuis, Monique

From: Dupuis, Monique
Sent: February 7, 2019 1:13 PM
To: 'Marjorie'
Cc: Rita Maillet
Subject: RE: Gulf Lobster Information

Allo,
Yes, that would work. What time do you propose? It would be better for me later in the morning so that I have time to drive up from Moncton.

Thanks!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ, Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Marjorie <leemanm@nbnet.nb.ca>
Sent: February 6, 2019 11:50 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Cc: Rita Maillet [REDACTED]
Subject: RE: Gulf Lobster Information

How about, since the Seefish office is in such a mess, that we meet you next Tuesday, February 12, 2019 at the Pennfield Irving. We often have meetings there and the staff is used to us and cater to us during these meetings. You take the Black's Harbour exit off the highway, turn right, then turn right, and the restaurant is maybe half a kilometer down road, maybe a bit less.

We are still working out of boxes and have gear tags all over the place in preparation for the upcoming season. The Irving would be more private. Then of course, you are welcome to come to Deer Island when the weather is better, and Lord willing, we are more organized.
Marjorie-Seefish

From: Dupuis, Monique [<mailto:Monique.Dupuis@dfo-mpo.gc.ca>]
Sent: February-05-19 1:40 PM
To: DMP, Seefish
Subject: RE: Gulf Lobster Information

Bonjour Marjorie,
Would this be questions in relations to the possible DMP for lobster?

I am actually planning a visit to your office before the end of March. Would you like me to try and go to your office next week sometimes? Are you on Deer Island?

Thank you and have a great day!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Marjorie <leemanm@nbnet.nb.ca>
Sent: February 5, 2019 11:26 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Re: Gulf Lobster Information

Good Morning, Monique
Rita and I were wondering if a face to face meeting with you in Moncton could be arranged.
That way, we can ask all the questions needed and you can give us the required information.
Perhaps, next week sometime barring storms of course,
Marjorie - Seefish



Virus-free. www.avg.com

Dupuis, Monique

From: Dupuis, Monique
Sent: February 11, 2019 9:16 AM
To: Smith, Jennifer R (Gulf)
Subject: RE: Données sur les débarquements de homard (pour DMP)

Lol c'est lundi et ca parait!!! Merci !
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>
Sent: February 11, 2019 9:14 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Données sur les débarquements de homard (pour DMP)

Oui

Sorted By:

DMC:

Fisher Province:

Port:

Area:

Species:

Fleet:

Trip ID:

Hail In Conf. #:

Hail Out Conf. #:

FIN:

Licence #:

Licence Type:

Doc.:

Buyer:

Gear Type:

Quota Code:

VRN:

Jennifer Smith

Quota Monitoring Officer/Agente du Suivi des Contingents

Strategic Services / Service Stratégiques

DFO-Gulf Region/MPO-Région du Golfe

Tel: (506) 851-7204

Fax: (506) 851-7809 or 1-855-897-3079

E-mail: jennifer.smith@dfo-mpo.gc.ca

 [@DFO Gulf](#), [@MPO Golfe](#)

$\angle(((\langle \rangle))$

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Sent: Monday, February 11, 2019 9:05 AM

To: Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>

Cc: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>

Subject: FW: Données sur les débarquements de homard (pour DMP)

Bonjour Jennifer,

Est-ce que je suis capable dans DMPR de sortir un rapport par acheteurs par quai ? Je regarde et je ne pense pas qu'il y a un tel rapport, mais je pose la question à la pro. 😊

Merci et bon lundi !

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: February 11, 2019 8:22 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Données sur les débarquements de homard (pour DMP)

Penses-tu qu'on pourrait faire le contraire? Par exemple, je te donnerai la liste d'acheteurs par quai et on pourrait regarder qu'elle DMC est associé à ces acheteurs?

Josiane

From: Dupuis, Monique
Sent: February-11-19 8:11 AM
To: Massiera, Josiane
Subject: RE: Données sur les débarquements de homard (pour DMP)

Allo,
Excuse-moi du retard à te répondre.

Est-ce que tu sais pour quelle espèce je pourrais faire le rapport qui me donnerait les acheteurs potentiels pour le homard ?

Merci et bonne journée !
Monique

Monique Dupuis
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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: February 5, 2019 1:42 PM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: FW: Données sur les débarquements de homard (pour DMP)

J'ai fait la demande à Gaëlle, mais je pense qu'on aura besoin d'un rapport de DMP pour nous indiquer la liste des acheteurs que chaque compagnie de DMP à IPE font affaires avec?

From: Massiera, Josiane
Sent: February-04-19 4:51 PM
To: Lemay, Gaëlle

Cc: Robichaud-Hache, Melanie

Subject: RE: Données sur les débarquements de homard (pour DMP)

Allô Gaëlle,

En discutant avec les deux compagnies de vérification à quai à l'IPE, ils desservent tous les deux plusieurs (60%) des mêmes ports. On aurait donc besoin la liste d'acheteurs de homard par port.

Pour leur indiquer quelles acheteurs desservir au lieu de juste quel port.

Merci,

Josiane

From: Lemay, Gaëlle

Sent: January-31-19 10:49 AM

To: Massiera, Josiane

Subject: Données sur les débarquements de homard (pour DMP)

Voici les rapports qui pourraient vous donner une idée de la fréquence des débarquements par quai. J'ai aussi inclue le rapport des acheteurs par quai.

L'information 2018 n'est pas disponible (car on entre encore les données) et ajouter l'information pour 2017 demanderait de l'effort qui n'est pas nécessaire si on cherche juste a déterminer les habitudes des pêcheurs.

Tel que discuté, ce serait peut-être plus facile de communiquer avec les Associations d'usines plutôt que communiquer avec les acheteurs individuelles afin de savoir s'ils seraient ouvert à travailler avec les Compagnie de vérification à quai.

Hésite-pas de me rejoindre si tu as besoin d'autre chose!

Gaëlle Lemay

Regional Manager, Statistics Division, Strategic Services, Gulf Region

Fisheries and Oceans Canada/Government of Canada

gaelle.lemay@dfo-mpo.gc.ca/Tel: 506-851-7822/Fax: 506-851-7732

Gestionnaire régionale, Division des statistiques, Services Stratégiques, Région du Golfe

Pêches et Océans Canada/Gouvernement du Canada

gaelle.lemay@dfo-mpo.gc.ca /Tél: 506-851-7822/Télécopieur: 506-851-7732

If you have received this communication by mistake, please notify the sender immediately and delete the communication without printing, copying or forwarding it. Thank you. / Si vous avez reçu cette communication par erreur, veuillez en aviser l'expéditeur immédiatement et la supprimer sans l'imprimer, la copier, ou la faire suivre. Merci.

Dupuis, Monique

From: Dupuis, Monique
Sent: February 11, 2019 9:05 AM
To: Smith, Jennifer R (Gulf)
Cc: Massiera, Josiane
Subject: FW: Données sur les débarquements de homard (pour DMP)

Bonjour Jennifer,
Est-ce que je suis capable dans DMPR de sortir un rapport par acheteurs par quai ? Je regarde et je ne pense pas qu'il y a un tel rapport, mais je pose la question à la pro. ☺

Merci et bon lundi !

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
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From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: February 11, 2019 8:22 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Données sur les débarquements de homard (pour DMP)

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Josiane

From: Dupuis, Monique
Sent: February-11-19 8:11 AM
To: Massiera, Josiane
Subject: RE: Données sur les débarquements de homard (pour DMP)

Allo,
Excuse-moi du retard à te répondre.

Est-ce que tu sais pour quelle espèce je pourrais faire le rapport qui me donnerait les acheteurs potentiels pour le homard ?

Merci et bonne journée !
Monique

Monique Dupuis
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From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: February 5, 2019 1:42 PM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: FW: Données sur les débarquements de homard (pour DMP)

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From: Massiera, Josiane
Sent: February-04-19 4:51 PM
To: Lemay, Gaëlle
Cc: Robichaud-Hache, Melanie
Subject: RE: Données sur les débarquements de homard (pour DMP)

Allô Gaëlle,
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Pour leur indiquer quelles acheteurs desservir au lieu de juste quel port.
Merci,
Josiane

From: Lemay, Gaëlle
Sent: January-31-19 10:49 AM
To: Massiera, Josiane
Subject: Données sur les débarquements de homard (pour DMP)

Voici les rapports qui pourraient vous donner une idée de la fréquence des débarquements par quai. J'ai aussi inclue le rapport des acheteurs par quai.

L'information 2018 n'est pas disponible (car on entre encore les données) et ajouter l'information pour 2017 demanderait de l'effort qui n'est pas nécessaire si on cherche juste a déterminer les habitudes des pêcheurs.

Tel que discuté, ce serait peut-être plus facile de communiquer avec les Associations d'usines plutôt que communiquer avec les acheteurs individuelles afin de savoir s'ils seraient ouvert à travailler avec les Compagnie de vérification à quai.

Hésite-pas de me rejoindre si tu as besoin d'autre chose!

Gaëlle Lemay

Regional Manager, Statistics Division, Strategic Services, Gulf Region
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gaelle.lemay@dfo-mpo.gc.ca/Tel: 506-851-7822/Fax: 506-851-7732

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Dupuis, Monique

From: Dupuis, Monique
Sent: February 11, 2019 11:41 AM
To: Massiera, Josiane
Subject: RE: Number of lobster buyers per port

Est-ce qu'il est supposé d'avoir une pièce-jointe? Si oui, il n'y a rien en attachement.
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: February 11, 2019 11:19 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Number of lobster buyers per port

Voici la liste des acheteurs par port (données préliminaires non validés)....est-ce que ça peut t'aider?

Josiane

From: Lemay, Gaëlle
Sent: February-11-19 11:09 AM
To: Massiera, Josiane
Cc: Robichaud-Hache, Melanie
Subject: RE: Données sur les débarquements de homard (pour DMP)

Je sais, je l'ai noté. Cette information est préliminaire et n'a pas encore été validée en plein.
On peut supprimer cette rangée. Il sera important de noter à tout le monde que l'information est préliminaire et peut inclure des erreurs.

Gaëlle

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: February-11-19 11:06 AM
To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>
Cc: Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>
Subject: RE: Données sur les débarquements de homard (pour DMP)

Merci. La ligne 33 du NB indique LFA 26A pour Miscou??

26A	NB	26611	MISCOU HARBOUR	3021	MISCOU HARBOUR ENTERPRISE INC.
-----	----	-------	----------------	------	--------------------------------

From: Lemay, Gaëlle
Sent: February-11-19 10:19 AM
To: Massiera, Josiane
Cc: Robichaud-Hache, Melanie
Subject: RE: Données sur les débarquements de homard (pour DMP)

Voici

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: February-11-19 8:21 AM
To: Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>
Cc: Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>
Subject: RE: Données sur les débarquements de homard (pour DMP)

Bonjour Gaëlle,
Pourrais-tu sortir la liste des acheteurs par quai pour 2017?

Josiane

From: Lemay, Gaëlle
Sent: January-31-19 10:49 AM
To: Massiera, Josiane
Subject: Données sur les débarquements de homard (pour DMP)

Voici les rapports qui pourraient vous donner une idée de la fréquence des débarquements par quai. J'ai aussi incluse le rapport des acheteurs par quai.

L'information 2018 n'est pas disponible (car on entre encore les données) et ajouter l'information pour 2017 demanderait de l'effort qui n'est pas nécessaire si on cherche juste à déterminer les habitudes des pêcheurs.

Tel que discuté, ce serait peut-être plus facile de communiquer avec les Associations d'usines plutôt que communiquer avec les acheteurs individuelles afin de savoir s'ils seraient ouvert à travailler avec les Compagnie de vérification à quai.

Hésite-pas de me rejoindre si tu as besoin d'autre chose!

Gaëlle Lemay

Regional Manager, Statistics Division, Strategic Services, Gulf Region
Fisheries and Oceans Canada/Government of Canada
gaëlle.lemay@dfo-mpo.gc.ca/Tel: 506-851-7822/Fax: 506-851-7732

Gestionnaire régionale, Division des statistiques, Services Stratégiques, Région du Golfe
Pêches et Océans Canada/Gouvernement du Canada
gaëlle.lemay@dfo-mpo.gc.ca /Tél: 506-851-7822/Télécopieur: 506-851-7732

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To DO -

Date

- IR check DVS for past enforcement & send Ron sp. sheet
- Go thru 2017 ASO IR submitted in boxes on my desk - but
- Go thru 2018 ASO files - in 2 boxes on my desk - but tech
- Redesignation - Piece-Piece (got everything)
- ~~Log home~~ email
- 2017-2018 - Boxes - ?

s.20(1)(b)

- Question but tech - [redacted]
- translate DMP Policy Annex Régional follow Nat. Template
- ~~DMP Meeting~~ - No Coverage to host coordinate with
- DMP Meeting - 16 Mar.

My Agenda items -> • Scanning of Documents (weigh out sheets) ^{naming convention}
 • DMC individual site visits
 • Gulf Regional Annex - translated + Added Annex ^{to B}
 • Incident Reports - Thank you for submitting them - If unsure, send it anyways - we will determine. @ hard to read handwriting - Can you submit typed version?
 • Dockside observers harassment

- Plot Camera inventory
- ~~Contact Aug - RMS info.~~
- Redesignation - Island weigh
- ACD
- ~~Sanctuary~~

s.19(1)

check monitor
~~concrete~~

~~Boxes - House - Orange & Ron.~~

Add Jantech in files folder 4 - files in Storage - ASO and DO
 2010 - 2017 - 2018

Page

Dupuis, Monique

From: Comeau, Sandra J
Sent: January 14, 2019 10:38 AM
To: Dupuis, Monique
Subject: RE: Revision of the DMP Policy Gulf Regional Annex

Categories: Yellow Category

Good morning Monique,

Your suggestion sounds good to me. An email with the required % of DMP verification for each fishery could be sent on an annual basis (perhaps in April) to all DMCs as a friendly reminder because some fisheries have differences (100% DMP for spring herring, but some ports have 100% Hail-In and 25% DMP). I would suggest that we have a quick discussion on this topic at the upcoming DMP meeting.

Happy Monday!

Sandra Comeau

Resource Management / Gestion de la ressource

Telephone / Téléphone 506-395-7765

From: Dupuis, Monique
Sent: January-14-19 8:42 AM
To: Comeau, Sandra J
Subject: RE: Revision of the DMP Policy Gulf Regional Annex

Thank you for your reply Sandra.

In response to your question, I started in this role at the end of October only and I am not certain if we provide a document to the DMCs for the required % of DMP verification for each fishery. May I suggest instead of incorporating this into a policy (that will have to be revised every time this changes), that I send them an updated e-mail before the start of the season with this information?

Have a great Monday!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ, Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>

Sent: January 11, 2019 4:04 PM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Mallet, Pierre

<Pierre.Mallet@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf)
<Jennifer.Smith@dfo-mpo.gc.ca>

Subject: RE: Revision of the DMP Policy Gulf Regional Annex

Hi Monique,

Section 4.2 is referring to the post offload hold verification. For some fisheries such as snow crab where the offload may be several hours after arriving to port, the licence holder/operator may not always be present on the vessel for the offload. I'm guessing that is why it refers to the vessel master/operator instead of licence holder/operator in this section of the policy only. I do not recommend changing.

I would suggest the following changes to section 5.1.3:

All PDF files may be submitted electronically via the DMP Inbox at XGLFDMP@DFO-MPO.GC.CA or uploaded on ~~**CD/DVD or~~ a USB key and sent by mail to the DMP Coordinator at the following coordinates:

Fisheries and Oceans Canada
Gulf Region
Att: ~~Daniel Lapierre~~ DMP Coordinator, Conservation and Protection
343 Université Avenue
Moncton, NB
E1C 5K4

**** Note that the CD/DVD format will no longer be supported, thus companies ~~shall~~ must use one of the other proposed methods.**

Question: Do we have another document that we supply to DMC for the required % of DMP verification for each fishery? If not, should that be annexed to the policy (ie. Snow crab - 100% DMP, mackerel - 100% Hail-in and 25% DMP, etc.)? We have a few pilot projects where we modified the required % of DMP since DMCs could/would not offer service at certain ports. This should be referenced somewhere as a reminder for the DMCs.

Have a good weekend!

Sandra Comeau

*Ressource Management / Gestion de la ressource
Téléphone / Téléphone 506-395-7765*

From: Dupuis, Monique

Sent: January-11-19 3:15 PM

To: Thomas, Tashina; Comeau, Sandra J; Gaudet, Mario; Lemay, Gaëlle; Mallet, Pierre; McDermid, Jenni; Smith, Jennifer R (Gulf)

Subject: RE: Revision of the DMP Policy Gulf Regional Annex

Bonjour Tashina,

Thank you for taking the time to review this.

The section under 4.2 was not revised under this exercise. I will modify it to reflect your suggestion : licence holder/operator.

Thank you and have a great day!

Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>
Sent: January 11, 2019 3:02 PM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>
Subject: RE: Revision of the DMP Policy Gulf Regional Annex

Just a minor note that "licence holder/operator" is written with a "c" and I am wondering why in 4.2 it is written as vessel master/operator instead of licence holder/operator.

Thanks!

Tashina Thomas
Regional FAM Officer | Agente régionale GPA
Resource and Aboriginal Fisheries Management | Gestion de la ressource et des pêches autochtones
Gulf Region | Région du Golfe
Fisheries and Oceans Canada | Pêches et Océans Canada
Tel: 506-851-6234 Cell: 506-
tashina.thomas@dfo-mpo.gc.ca

s.16(2)(c)

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: January-11-19 11:04 AM
To: Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>
Subject: Revision of the DMP Policy Gulf Regional Annex

Bonjour,

You are receiving this e-mail because you were all copied on the 2018 correspondence to the DMC on the revised DMP Policy Gulf Regional Annex that was revised in March 2018.

I had to make minor changes to the DMP Policy Gulf Regional Annex document. Before I send it out for translation and distribute it to the DMC, I wanted to share the draft document with you. The changes that were made are as follows:

- Replace all *shall* by *must* to be consistent throughout the document
- Under section 5.1.3 - change to the address field to replace Daniel Lapierre with DMP Coordinator, C&P
- Under section 7.1 – change from Annex A to Annex B (there is already a mention of Annex A in section 5.2.2)
- Incorporating Annex A and Annex B in the Regional annex document (page 8 &9)

Should you have any questions or comments, please do not hesitate to contact me.

Have a great Friday!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Massiera, Josiane
Sent: February 11, 2019 11:30 AM
To: Dupuis, Monique
Subject: RE: Number of lobster buyers per port

On a pas les données 2018 encore de rentrée 😊 Ok merci

From: Dupuis, Monique
Sent: February-11-19 11:27 AM
To: Massiera, Josiane
Subject: RE: Number of lobster buyers per port

Allo,
Moi j'ai fais pour 2018 et non pour 2017. Je vais vérifier s'il en a des différents dans la liste à Melanie.

Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
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Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: February 11, 2019 11:21 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Number of lobster buyers per port

Oups..j'ai pas vu que tu m'avais déjà envoyé.

From: Massiera, Josiane
Sent: February-11-19 11:19 AM
To: Dupuis, Monique
Subject: Number of lobster buyers per port

Voici la liste des acheteurs par port (données préliminaires non validés)....est-ce que ça peut t'aider?

Josiane

From: Lemay, Gaëlle
Sent: February-11-19 11:09 AM
To: Massiera, Josiane
Cc: Robichaud-Hache, Melanie
Subject: RE: Données sur les débarquements de homard (pour DMP)

Je sais, je l'ai noté. Cette information est préliminaire et n'a pas encore été validée en plein.
On peut supprimer cette rangée. Il sera important de noter à tout le monde que l'information est préliminaire et peut inclure des erreurs.

Gaëlle

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: February-11-19 11:06 AM
To: Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>
Cc: Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>
Subject: RE: Données sur les débarquements de homard (pour DMP)

Merci. La ligne 33 du NB indique LFA 26A pour Miscou??

26A	NB	26611	MISCOU HARBOUR	3021	MISCOU HARBOUR ENTERPRISE INC.
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From: Lemay, Gaëlle
Sent: February-11-19 10:19 AM
To: Massiera, Josiane
Cc: Robichaud-Hache, Melanie
Subject: RE: Données sur les débarquements de homard (pour DMP)

Voici

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: February-11-19 8:21 AM
To: Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>
Cc: Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>
Subject: RE: Données sur les débarquements de homard (pour DMP)

Bonjour Gaëlle,
Pourrais-tu sortir la liste des acheteurs par quai pour 2017?

Josiane

From: Lemay, Gaëlle
Sent: January-31-19 10:49 AM
To: Massiera, Josiane
Subject: Données sur les débarquements de homard (pour DMP)

Voici les rapports qui pourraient vous donner une idée de la fréquence des débarquements par quai. J'ai aussi inclus le rapport des acheteurs par quai.

L'information 2018 n'est pas disponible (car on entre encore les données) et ajouter l'information pour 2017 demanderait de l'effort qui n'est pas nécessaire si on cherche juste à déterminer les habitudes des pêcheurs.

Tel que discuté, ce serait peut-être plus facile de communiquer avec les Associations d'usines plutôt que communiquer avec les acheteurs individuelles afin de savoir s'ils seraient ouverts à travailler avec la Compagnie de vérification à quai.

Hésite pas de me rejoindre si tu as besoin d'autre chose!

Gaëlle Lemay

Regional Manager, Statistics Division, Strategic Services, Gulf Region
Fisheries and Oceans Canada/Government of Canada
gaelle.lemay@dfo-mpo.gc.ca/Tel: 506-851-7822/Fax: 506-851-7732

Gestionnaire régionale, Division des statistiques, Services Stratégiques, Région du Golfe
Pêches et Océans Canada/Gouvernement du Canada
gaelle.lemay@dfo-mpo.gc.ca /Tél: 506-851-7822/Télécopieur: 506-851-7732

If you have received this communication by mistake, please notify the sender immediately and delete the communication without printing, copying or forwarding it. Thank you. / Si vous avez reçu cette communication par erreur, veuillez en aviser l'expéditeur immédiatement et la supprimer sans l'imprimer, la copier, ou la faire suivre. Merci.

Dupuis, Monique

From: Rita Maillet [REDACTED]
Sent: February 11, 2019 3:34 PM
To: Dupuis, Monique
Subject: Re: Gulf Lobster Information

Thats fine. [REDACTED] Marjorie will give you a call if she has any questions
Rita
Seefish

[REDACTED]

On Feb 11, 2019, at 11:56 AM, Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Bonjour Marjorie,

[REDACTED] am unable to go to Pennfield tomorrow. Could we re-schedule
this meeting for another time?

Is there anything in particular that you wanted to discuss? If so, we can organize a conference call.

Thank you and have a great day!
Monique

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Dupuis, Monique
Sent: February 8, 2019 3:40 PM
To: 'Marjorie' <leemanm@nbnet.nb.ca>
Subject: RE: Gulf Lobster Information

Bonjour Marjorie,
That would work. What time do you propose for this meeting?

Thank you and have a great day!
Monique

Monique Dupuis
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From: Marjorie <leemanm@nbnet.nb.ca>
Sent: February 6, 2019 11:50 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Cc: Rita Maillet [REDACTED]
Subject: RE: Gulf Lobster Information

How about, since the Seefish office is in such a mess, that we meet you next Tuesday, February 12, 2019 at the Pennfield Irving. We often have meetings there and the staff is used to us and cater to us during these meetings.

You take the Black's Harbour exit off the highway, turn right, then turn right, and the restaurant is maybe half a kilometer down road, maybe a bit less.

We are still working out of boxes and have gear tags all over the place in preparation for the upcoming season. The Irving would be more private. Then of course, you are welcome to come to Deer Island when the weather is better, and Lord willing, we are more organized.
Marjorie-Seefish

From: Dupuis, Monique [<mailto:Monique.Dupuis@dfo-mpo.gc.ca>]
Sent: February-05-19 1:40 PM
To: DMP, Seefish
Subject: RE: Gulf Lobster Information

Bonjour Marjorie,
Would this be questions in relations to the possible DMP for lobster?

I am actually planning a visit to your office before the end of March. Would you like me to try and go to your office next week sometimes? Are you on Deer Island?

Thank you and have a great day!
Monique

Monique Dupuis
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From: Marjorie <leemanm@nbnet.nb.ca>
Sent: February 5, 2019 11:26 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Re: Gulf Lobster Information

Good Morning, Monique

Rita and I were wondering if a face to face meeting with you in Moncton could be arranged.
That way, we can ask all the questions needed and you can give us the required information.
Perhaps, next week sometime barring storms of course,
Marjorie - Seefish

<image001.jpg> Virus-free. www.avq.com

Dupuis, Monique

From: Hachey, Carole M
Sent: February 15, 2019 8:51 AM
To: Dupuis, Monique
Subject: RE: PO
Attachments: dfo amended march 6 2019.pdf

Oui pas de problème; je le ferai aujourd'hui.

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: February-15-19 8:11 AM
To: Hachey, Carole M <Carole.Hachey@dfo-mpo.gc.ca>
Subject: PO

Allo,
Pourrais-tu m'aider à créer un PO car je n'ai pas de compte Abacus ? Si tu n'as pas accès à Abacus laisse-moi savoir et je demanderai à quelqu'un d'autre.

C'est pour la traduction simultanée le 6 mars prochain, cout de 600\$ plus 200\$ de frais de location d'équipement. Numéro de contrat, F4702-180006. Je t'inclue une copie du devis pour l'information.

Merci beaucoup !
Monique

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J.C.B. Interpretation Inc.

108 rue Pleasant St. Shediac N B E4P 2L6 TEL: (506) 857-9808 FAX: (506)532-2356
WWW.jcbinterpretation.com e-mail: info@jcbinterpretation.com

CONTRACT - CONTRAT SIMULTANEOUS INTERPRETATION SIMULTANÉE

Interpreter - Interprète
JC Bourque
108 pleasant St
Shediac NB E4P 2L6

Contact Person - Personne contacte
Monique Dupuis
MPO
Moncton NB

Subject / Objet: rencontre de la verification a quai

Location / Endroit: Moncton ou Dieppe

Dates and hours / Dates et heures: Le 6 maars 2019 0900-1500

Interpreters / Interprètes: JC Bourque

Fees / Honoraires \$ 600.00 x 1 day(s) / jour(s) \$ 600.00

Expenses / Dépenses

Transportation / Transport: \$

Ground / Au sol: \$

Per diem: \$ x day(s) / jour(s) \$

Room paid for by client / Chambre payée par le client:

Administration: \$

Equipment / Équipement: \$ 200.00

\$ 200.00

SUB-TOTAL / SOUS TOTAL \$ 800.00

HST / TVH 873771505 \$ 120.00

TOTAL \$ 920.00

Interpretation shall be from English to French L'interprétation sera du à
and from French to English et de à

Please sign and return one copy / Prière de signer et retourner une copie

JC Bourque
Interpreter / Interprète

Client

Le 15 janvier 2019

Date

Date

Dupuis, Monique

From: Albert Gaudet <AGaudet@atlanticcatchdata.ca>
Sent: February 19, 2019 10:41 AM
To: Dupuis, Monique
Cc: DMP, Atlantic Catch Halifax
Subject: RE: Discussion Lobster DMP for Gulf Region

Merci Monique!

From: Dupuis, Monique [mailto:Monique.Dupuis@dfo-mpo.gc.ca]
Sent: February-19-19 10:38 AM
To: Albert Gaudet
Subject: RE: Discussion Lobster DMP for Gulf Region

Bonjour Albert,
Resource Management is verifying the list of ports so that we can in turn send it to you for cost proposal. As soon as the list is ready, we will send it to you.

Sorry about the delay.

Monique

Monique Dupuis
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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Albert Gaudet <AGaudet@atlanticcatchdata.ca>
Sent: February 19, 2019 10:30 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Discussion Lobster DMP for Gulf Region

Hi Monique, any news on this front?

Albert Gaudet

From: Dupuis, Monique [mailto:Monique.Dupuis@dfo-mpo.gc.ca]
Sent: January-31-19 1:20 PM
To: Albert Gaudet
Subject: RE: Discussion Lobster DMP for Gulf Region

Bonjour Albert,
Thank you for the follow-up.

We will share these stats as soon as we are done with our consultations, most likely by the end of next week.

Have a great day!
Monique

Monique Dupuis
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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Albert Gaudet <AGaudet@atlanticcatchdata.ca>
Sent: January 31, 2019 1:05 PM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Discussion Lobster DMP for Gulf Region


Hi Monique, as per our conference call yesterday, ACD covers from Port Hood to NB border in the gulf so we would be interested in getting last year's licenses by port for that area.
With these numbers we would be able to project looking for staff to facility deployments.

Regards

Albert Gaudet

From: Dupuis, Monique [<mailto:Monique.Dupuis@dfo-mpo.gc.ca>]
Sent: January-29-19 9:30 AM
To: Greg Connor
Cc: Albert Gaudet
Subject: RE: Discussion Lobster DMP for Gulf Region

Bonjour Greg
Thank you for the quick reply.

Could we schedule tomorrow afternoon at 2pm?
Meeting coordinates are as follows:
1-877-413-4781
ID Code: 

Thank you and have a great day!
Monique

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Monique Dupuis
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From: Greg Connor <GConnor@atlanticcatchdata.ca>
Sent: January 29, 2019 9:19 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Cc: Albert Gaudet <AGaudet@atlanticcatchdata.ca>
Subject: RE: Discussion Lobster DMP for Gulf Region

Hello Monique,

Albert should be available this week, but we would both like to be involved in this discussion. I will be in Yarmouth tomorrow and Thursday, we can be both be on the teleconference. Could we have the teleconference on Wednesday afternoon or Thursday morning?

Regards, Greg

Greg Connor
President
Atlantic Catch Data Ltd.

1801 Hollis Street, Suite 1220
Halifax, Nova Scotia
CANADA B3J 3N4

Office: +1-902-422-4745
Cell: +1-902-449-5996
Fax: +1-902-422-9780

Web: www.atlanticcatchdata.ca

From: Dupuis, Monique [<mailto:Monique.Dupuis@dfo-mpo.gc.ca>]
Sent: Tuesday, January 29, 2019 8:59 AM
To: Greg Connor
Subject: Discussion Lobster DMP for Gulf Region

Bonjour Greg,
We would like to have a teleconference discussion on lobster DMP in the Gulf Region.

Our usual contact for Gulf DMP is Albert Gaudet, but I understand he may be out of the country? As Operations Manager, would you be available this week for a 30-60 minutes discussion ? If so, we will provide you with the log-in number.

Thank you and have a great day!
Monique

Monique Dupuis
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Dupuis, Monique

From: Dupuis, Monique
Sent: January 29, 2019 10:44 AM
To: 'JC Bourque'
Subject: RE: devis du 6 mars 2019

Bonjour,

Merci pour le suivi. Oui, je l'ai bien reçu. Merci pour me l'avoir fait parvenir. Est-ce que vous pouvez sauver la date dans votre calendrier ?

Merci et à bientôt.

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: JC Bourque <jcbourque@jcbinterpretation.com>
Sent: January 29, 2019 10:43 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: devis du 6 mars 2019

Bonjour; Juste un suivi pour savoir si tu as bien reçu mon nouveau
Devis pour changer la date? Merci

JC Bourque

Dupuis, Monique

From: Dupuis, Monique
Sent: January 29, 2019 11:45 AM
To: Lemay, Gaëlle
Subject: RE: Revision of the DMP Policy Gulf Regional Annex

Je te comprends! Je suis dans le même bateau que toi. ;-)

Bonne journée.

M.

Monique Dupuis
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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>
Sent: January 29, 2019 11:44 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Revision of the DMP Policy Gulf Regional Annex

Thanks... not enough hours in a day so just trying to get organized. Mélanie is out of the office (son is sick) and I know she had some comments. We'll get back to you regarding DMP regional annex before end of week.

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: January-29-19 11:41 AM
To: Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>
Subject: RE: Revision of the DMP Policy Gulf Regional Annex

Hi,
DMP Regional Annex: Heather Buchanan DMP/ASO National asked that I change the format to the new National format (I am still waiting for her to send it to me). So I would say the sooner the better as I am hoping I can have it translated and distributed before the start of the 2019 season. I am not looking for a major revamp, but I wanted to revise it before I send it to translation. It is my understanding that the major revamp was done last year when Daniel Lapierre was working on this document.

As for the DMP Agenda items, I will send out a call for agenda items (hopefully) this afternoon. And will give Feb. 8th as a deadline to submit agenda items. I also think we should meet before the meeting to discuss agenda items including the ones that the DMCs will be submitting. I will schedule this pre-meeting as well.

Merci Gaëlle! ☺

Monique

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From: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>
Sent: January 29, 2019 11:32 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Revision of the DMP Policy Gulf Regional Annex

What's your deadline on this?
Also, what's your deadline on agenda items for the DMP meeting?

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: January-11-19 11:04 AM
To: Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>
Subject: Revision of the DMP Policy Gulf Regional Annex

Bonjour,
You are receiving this e-mail because you were all copied on the 2018 correspondence to the DMC on the revised DMP Policy Gulf Regional Annex that was revised in March 2018.

I had to make minor changes to the DMP Policy Gulf Regional Annex document. Before I send it out for translation and distribute it to the DMC, I wanted to share the draft document with you. The changes that were made are as follows:

- Replace all *shall* by *must* to be consistent throughout the document
- Under section 5.1.3 - change to the address field to replace Daniel Lapierre with DMP Coordinator, C&P
- Under section 7.1 – change from Annex A to Annex B (there is already a mention of Annex A in section 5.2.2)
- Incorporating Annex A and Annex B in the Regional annex document (page 8 & 9)

Should you have any questions or comments, please do not hesitate to contact me.

Have a great Friday!
Monique

Monique Dupuis
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Dupuis, Monique

From: Dupuis, Monique
Sent: February 11, 2019 9:17 AM
To: Massiera, Josiane
Subject: RE: Données sur les débarquements de homard (pour DMP)

Oui je peux. Je travaille la dessus et je te reviens.
M.

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: February 11, 2019 8:22 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Données sur les débarquements de homard (pour DMP)

Penses-tu qu'on pourrait faire le contraire? Par exemple, je te donnerai la liste d'acheteurs par quai et on pourrait regarder qu'elle DMC est associé à ces acheteurs?

Josiane

From: Dupuis, Monique
Sent: February-11-19 8:11 AM
To: Massiera, Josiane
Subject: RE: Données sur les débarquements de homard (pour DMP)

Allo,
Excuse-moi du retard à te répondre.

Est-ce que tu sais pour quelle espèce je pourrais faire le rapport qui me donnerait les acheteurs potentiels pour le homard ?

Merci et bonne journée !
Monique

Monique Dupuis
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Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: February 5, 2019 1:42 PM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: FW: Données sur les débarquements de homard (pour DMP)

J'ai fait la demande à Gaëlle, mais je pense qu'on aura besoin d'un rapport de DMP pour nous indiquer la liste des acheteurs que chaque compagnie de DMP à IPE font affaires avec?

From: Massiera, Josiane
Sent: February-04-19 4:51 PM
To: Lemay, Gaëlle
Cc: Robichaud-Hache, Melanie
Subject: RE: Données sur les débarquements de homard (pour DMP)

Allô Gaëlle,
En discutant avec les deux compagnies de vérification à quai à l'IPE, ils desservent tous les deux plusieurs (60%) des mêmes ports. On aurait donc besoin la liste d'acheteurs de homard par port.
Pour leur indiquer quelles acheteurs desservir au lieu de juste quel port.
Merci,
Josiane

From: Lemay, Gaëlle
Sent: January-31-19 10:49 AM
To: Massiera, Josiane
Subject: Données sur les débarquements de homard (pour DMP)

Voici les rapports qui pourraient vous donner une idée de la fréquence des débarquements par quai. J'ai aussi incluse le rapport des acheteurs par quai.

L'information 2018 n'est pas disponible (car on entre encore les données) et ajouter l'information pour 2017 demanderait de l'effort qui n'est pas nécessaire si on cherche juste à déterminer les habitudes des pêcheurs.

Tel que discuté, ce serait peut-être plus facile de communiquer avec les Associations d'usines plutôt que communiquer avec les acheteurs individuelles afin de savoir s'ils seraient ouvert à travailler avec les Compagnie de vérification à quai.

Hésite-pas de me rejoindre si tu as besoin d'autre chose!

Gaëlle Lemay

Regional Manager, Statistics Division, Strategic Services, Gulf Region
Fisheries and Oceans Canada/Government of Canada
gaelle.lemay@dfo-mpo.gc.ca/Tel: 506-851-7822/Fax: 506-851-7732

Gestionnaire régionale, Division des statistiques, Services Stratégiques, Région du Golfe
Pêches et Océans Canada/Gouvernement du Canada
gaelle.lemay@dfo-mpo.gc.ca /Tél: 506-851-7822/Télécopieur: 506-851-7732

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Dupuis, Monique

From: Dupuis, Monique
Sent: February 11, 2019 11:40 AM
To: Comeau, Sandra J
Cc: Albert, Gabriel M
Subject: RE: Réunion DMP le 6 mars

À 9h.

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
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From: Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>
Sent: February 11, 2019 11:38 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>
Cc: Albert, Gabriel M <Gabriel.Albert@dfo-mpo.gc.ca>
Subject: RE: Réunion DMP le 6 mars

Bonjour Monique,

Je serai présente à la réunion de DMP. Si Gabriel participe aussi, on pourrait voyager ensemble. Est-ce que la réunion commence à 10h?

Sandra Comeau
Ressource Management / Gestion de la ressource
Telephone / Téléphone 506-395-7765

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: February-11-19 9:00 AM
To: Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>
Cc: Albert, Gabriel M <Gabriel.Albert@dfo-mpo.gc.ca>
Subject: Réunion DMP le 6 mars

Bon lundi matin! ☺

J'aimerais savoir si vous planifier être présent ou non à la réunion DMP du 6 mars prochain. Je dois faire le Group Travel Plan et j'aimerais savoir si je dois vous inclure ou non. Si je vous inclus, est-ce que vous allez conduire ensemble ? Gabriel Albert y sera aussi. Est-ce que vous allez tous conduire ensemble ?

Merci et bonne journée !
Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
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Dupuis, Monique

From: Dupuis, Monique
Sent: February 12, 2019 11:51 AM
To: 'Alyssa McConnell'
Subject: RE: Contract for March 6, 2019

Thank you for the clarification.

Have a great day!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Alyssa McConnell <[REDACTED].com>
Sent: February 12, 2019 11:50 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Contract for March 6, 2019

Hi Monique,

The gratuity charge is a standard hotel charge even if there is no food or beverages – for the set up and tear down of the room etc.

Let me know if you need anything else.



Alyssa McConnell
Director of Sales & Marketing

Holiday Inn Express & Suites Dieppe Airport
425 Adelard Savoie Blvd., Dieppe, N.B. E1A 7E6

Direct Line: (506) 388-7603
Mobile: [REDACTED]
Hotel : (506) 388-5050
Fax: (506) 388-5055
sales@hieairportdieppe.com



From: Dupuis, Monique [mailto:Monique.Dupuis@dfo-mpo.gc.ca]
Sent: Tuesday, February 12, 2019 11:33 AM
To: Alyssa McConnell <[REDACTED].com>
Subject: RE: Contract for March 6, 2019

Good Morning Alyssa,

I am just going over the contract and I noticed there is a 15% Gratuity charge on it. Can you please explain what this is for as no beverages and food have been requested for this meeting.

Thank you and have a great day!
 Monique

Monique Dupuis
 Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
 Fisheries and Oceans – Gulf Region/Government of Canada
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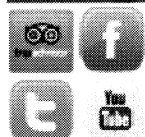
Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ, Conservation et protection
 Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
 Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Alyssa McConnell <a[REDACTED].com>
Sent: January 31, 2019 10:44 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Contract for March 6, 2019

Bonjour Monique,

Hoping all is well! You can find attached your meeting room contract for March 6th – if you could please send me a signed copy to confirm the details that would be great.

Thank you for choosing us.



Alyssa McConnell
 Director of Sales & Marketing

Holiday Inn Express & Suites Dieppe Airport
 425 Adelard Savoie Blvd., Dieppe, N.B. E1A 7E6

Direct Line: (506) 388-7603
 Mobile: [REDACTED]
 Hotel : (506) 388-5050
 Fax: (506) 388-5055
sales@hieairportdieppe.com



From: Dupuis, Monique [mailto:Monique.Dupuis@dfo-mpo.gc.ca]

Sent: Thursday, January 31, 2019 9:35 AM

To: Alyssa McConnell <[REDACTED].com>

Subject: Contract for March 6, 2019

Bonjour Alyssa,

Could you please send me the contract for the meeting room space for March 6, 2019?

Thank you and have a great day!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

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Dupuis, Monique

From: Dupuis, Monique
Sent: February 12, 2019 2:51 PM
To: 'Albert Gaudet'
Subject: RE: Annual DMP meeting location / Lieu de la réunion annuelle du PVQ

My apologies. 9am – 3pm.

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Albert Gaudet <AGaudet@atlanticcatchdata.ca>
Sent: February 12, 2019 2:50 PM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Annual DMP meeting location / Lieu de la réunion annuelle du PVQ

Monique, meeting hours?

From: Dupuis, Monique [<mailto:Monique.Dupuis@dfo-mpo.gc.ca>]
Sent: February-12-19 10:53 AM
To: Dupuis, Monique
Subject: Annual DMP meeting location / Lieu de la réunion annuelle du PVQ

Un message français suivra....

Hello,
Please be advised that the location for the Annual DMP meeting being held on March 6, 2019 will be at the Holiday Inn Express Dieppe Airport <https://www.ihg.com/holidayinnexpress/hotels/us/en/dieppe/yqmdd/hoteldetail>. Can you please reply to this e-mail and advise if you will be present as well as how many from your organization will be participating to this meeting.

Bonjour,
Veuillez prendre note que la réunion du PVQ annuel qui aura lieu le 6 mars prochain sera au Holiday Inn Express Aéroport de Dieppe <https://www.ihg.com/holidayinnexpress/hotels/fr/fr/dieppe/yqmdd/hoteldetail>. Pouvez-vous me confirmer votre présence et aussi m'aviser combien de personne de votre organisation participera à cette réunion.

Thank you ! / Merci !

Monique

Monique Dupuis
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Fisheries and Oceans – Gulf Region/Government of Canada

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Dupuis, Monique

From: Dupuis, Monique
Sent: February 15, 2019 10:02 AM
To: Lemay, Gaëlle
Subject: RE: Items for the DMP Annual Meeting

Tu as besoin de combien de temps pour adresser ces items ? 45 minutes ?

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>
Sent: February 14, 2019 2:36 PM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Items for the DMP Annual Meeting

Looks good.

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: February-12-19 1:36 PM
To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>
Subject: RE: Items for the DMP Annual Meeting

Bonjour Gaëlle,
Just to confirm with you. The topics you will be addressing are the following:

- Documents that should be provided to statistics and when
- Tuna logs with no landings – procedures and return of logs
- Most common errors.

I think the others you submitted were topics for another unit to raise, is that correct? How long would you need for your topics?

Thanks!
Monique

Monique Dupuis
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From: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>
Sent: February 6, 2019 7:53 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Items for the DMP Annual Meeting

We also talked about a way to better inform the DMCs of any management measures they need to be aware of (eg. pilot projects, etc.), DMP% in fisheries, etc. so we're all on the same page (cheat sheet)
We could discuss this at the pre-meeting too.

Ron didn't attend the last two meetings but I really do think he should be there as a lot of things are brought up at the pre-meeting and annual meetings that only he can address.

Would also need to review the minutes of the previous meeting to see if anything needs done prior to the meeting.

Thanks!

From: Lemay, Gaëlle
Sent: February-06-19 7:49 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Cc: Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Subject: Items for the DMP Annual Meeting

Bonjour Monique,

Here are a few items for discussion at the DMP Annual Meeting ... some items should be lead by Resource Management. I've added some additional information underneath each items to explain what I want to discuss (these should not show up on the agenda... just for our internal reference). I know there may be additional catch monitoring projects in the works for 2019/2020... may want to communicate with Resource Management to see if anything else should be added to the agenda (e.g. E-DMP).

- Lobster DMP
 - I assume Josiane Massiera will be bringing this to the table (I have little information on the subject)
 - Pre-meeting discussion should include what we plan on telling them and what processes they will be following to capture the data for these landings. (data entry procedures for DMCs)
 - Original copies of the Weigh out summary forms will have to be sent to Gulf Region Statistics
 - May require the use of the landing report form developed by C&P last year
- Review of Mackerel DMP in 2017 and 2018
 - I assume Pierre Mallet and/or Mario Gaudet will be bringing this to the table following our meeting next week
 - Is everything ok, anything not working well, etc.
- Elogs in Shrimp, Snow Crab and lobster in 2019 (optional)
 - If fisher is using an elog, must record Unique Elog ID
 - New Landing Report form developed by C&P and provided to DMCs last year ... may be required this year.

- Documents that should be provided to statistics and when (timing)
 - Ex. DMCs are required to provide us with original DMP Weigh Out Summary Forms for DMC verified landings for herring and mackerel
- Tuna logs with no landings – procedures and return of logs
 - High number of tuna logs with no landings not received from DMCs this year.
 - Is there a way for us to be informed of missing logs so we don't have to go looking for them?
- Most common errors (no need to list them, just note that we should have a discussion):
 - Not selecting the proper statistics district when entering unknown buyer
 - Not entering a price in slips (either for all entries or just unknown buyer)
 - Selecting the wrong form (selecting round when GF was landed gutted head-on or head-off)
 - 'no catch' when hailed-in but estimated catch reported on log??? Is an incident report done when log is received?
 - Selecting the proper unit of measure (kg vs lbs)
 - Wrong dates
 - Would a visit to DMCs to review existing procedures, discuss issues, identify tools that might help, etc. be useful?
 - How do you validate your data entry? Anything we can do to help?

Gaëlle Lemay

Regional Manager, Statistics Division, Strategic Services, Gulf Region
Fisheries and Oceans Canada/Government of Canada
gaelle.lemay@dfo-mpo.gc.ca/Tel: 506-851-7822/Fax: 506-851-7732

Gestionnaire régionale, Division des statistiques, Services Stratégiques, Région du Golfe
Pêches et Océans Canada/Gouvernement du Canada
gaelle.lemay@dfo-mpo.gc.ca /Tél: 506-851-7822/Télécopieur: 506-851-7732

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Dupuis, Monique

From: Dupuis, Monique
Sent: February 19, 2019 9:20 AM
To: 'JC Bourque'
Subject: Bon de commande pour interprétation simultanée le 6 mars
Attachments: Bon de commande - Purchase Order - JCB Interprétation.pdf

Bonjour Jean-Claude,

Voici le bon de commande pour la réunion du 6 mars prochain au Holiday Inn Express aéroport de Dieppe pour ta signature. Prière de me le retourner avec votre signature.

La facture devrait être envoyée à DFO.invoicing-facturation.MPO@canada.ca et S.-V.-P. indiquez « à l'attention de Carole Hachey » sur la facture.

La réunion débuttera à 9h. Est-ce que j'ai besoin de vous fournir d'autres informations à l'avance ?

Bonne journée !

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

PURCHASE ORDER

This Purchase Order is made as of the contract award date below between Her Majesty the Queen in Right of Canada (hereinafter referred to as "Her Majesty") represented by the Minister of Fisheries and Oceans (hereinafter referred to as "Fisheries and Oceans Canada") and the supplier (as named herein).

SUPPLIER – FOURNISSEUR
JCB INTERPRETATION INC 108 RUE PLEASANT SHEDIAC, NB E4P 2L6 Canada

ISSUED BY - PRÉPARÉ PAR
SURVEILLANCE 343 UNIVERSITE AVENUE PO BOX 5030 MONCTON, NB E1C 9B6 Tel: 5068512510 E-mail: CAROLE.HACHEY@DFO-MPO.GC.CA

COMMANDE D'ACHAT

Cette commande d'achat est faite en date d'octroi de contrat ci-dessous entre Sa Majesté la Reine du chef du Canada (ci-après appelée "Sa Majesté") représenté par le Ministre des Pêches et Océans Canada (ci-après appelé "Pêches et Océans Canada") et le Fournisseur (tel qu'indiqué dans les présentes).

IMPORTANT	
The Contract No. must appear on invoices, B/L, packing lists, correspondence and outside containers. Le No. de contrat doit être indiqué sur les factures, les connaissements, les listes d'emballage, la correspondance et à l'extérieur des contenants.	
Contract No./ No. de contrat.	F4702-180006
Amend. No/No. de modif	0

Contract Award Date/ Date d'octroi de contrat	18-FEB-2019
Address Enquiries to - Adresser toute demande à Tel: E-mail:	

SHIP TO/ EXPÉDIER À: F4702	BILL TO/ FACTURER À: DFO.invoicing-facturation.MPO@canada.ca
SURVEILLANCE 343 UNIVERSITE AVENUE PO BOX 5030 MONCTON,NB E1C 9B6 Canada	DFO-ACCOUNTS PAYABLE/MPO-COMPTES PAYABLE PO BOX 1901, STN A / CP 1901, STN A FREDERICTON,NB E3B 5G4 Canada Attn: HACHEY,CAROLE

Departmental Financial Codes - Codes financiers ministériel 72220-428-120-4409-72209-6		Freight Terms - Conditions pour les frais de transport	
		Contract End Date - Date de fin du contrat	
FOB – FAR	PST No. - N° de TVP Exemption	HST/GST - TPS / TVH EXTRA	Estimated Total Cost - Prix total prévu 800.00 CAD (Tax excluded)/(Taxe exclus)

Continued/ suite...





Fisheries and Oceans
Canada

Pêches et Océans
Canada

Page

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of/de

3

PURCHASE ORDER
(Continuation sheet)

COMMANDE D'ACHAT
(suite)

P.O. No. - N° de commande

F4702-180006

Amend. No. - N° de modif.

0

The Vendor agrees to provide to Fisheries and Oceans Canada the goods or services identified at the specified prices and in accordance with all terms and conditions of this Purchase order.

Le Fournisseur accepte de fournir Pêches et Océans Canada les biens ou services identifiés dans les présentes en conformité avec les prix spécifiés et avec les modalités de cette commande d'achat.

Continued/ suite...

Item no. No Article	Description Description	Delivery Date Date de livraison	Quantity Quantité	U of I U de D	Unit Price Prix unitaire	Extended Cost Prix total prévu
1	Services de traduction simultanée pour la rencontre avec les entreprises de vérification à quai le 6 mars 2019 de 9 h à 15 h	06-MAR-19	1	SUM-LUMP SUM/FORFA ITAIRE	800.00	800.00

Canada



Fisheries and Oceans
Canada

Pêches et Océans
Canada

Page

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PURCHASE ORDER
(Continuation sheet)

COMMANDE D'ACHAT
(suite)

P.O. No. - N° de commande	F4702-180006
Amend. No. - N° de modif.	0

The following documents form part of this Purchase Order. The supplier recognizes and agrees to all terms and conditions set out in this request, including:

Les documents ci-joints font partie intégrale de cette commande d'achat. Le Fournisseur convient et accepte tous les termes et conditions tels que décrits dans cette demande, incluant:

Continued/ suite...

Conditions Generales (Services professionnels)
Modalite de paiement

FOR THE SUPPLIER - POUR LE FOURNISSEUR		
Signature	Witness - Témoin	Date
Print or type - Imprimer ou dactylographier	Position title - Titre du poste	
Signature	Witness - Témoin	Date
Print or type - Imprimer ou dactylographier	Position title - Titre du poste	

APPROVED FOR THE MINISTER - APPROUVÉ POUR LE MINISTRE		
Signature	Position title - Titre du poste	Date
Print or type - Imprimer ou dactylographier		

Canada

CONDITIONS GÉNÉRALES SERVICES PROFESSIONNELS

1. Les définitions qui suivent s'appliquent au présent contrat.

- 1.1 « Date d'attribution » - Date à laquelle le contrat a été attribué par le Ministère à l'entrepreneur.
- 1.2 « Contrat » - Entente écrite entre les parties, qui intègre les présentes conditions générales et tous les documents mentionnés dans le contrat et qui peut être modifiée de temps à autre par les parties.
- 1.3 « Entrepreneur » - Fournisseur et toute autre partie au contrat que la Couronne.
- 1.4 « Conditions générales » - Le présent document, modifié de temps à autre.
- 1.5 « Propriété intellectuelle » - Tout droit de propriété intellectuelle reconnu en droit, notamment la propriété intellectuelle protégée par les lois (qui régissent les brevets, le droit d'auteur, le dessin industriel, la topographie des circuits intégrés ou les droits des phytogénéticiens) ou découlant de la protection de l'information à titre de secret industriel ou de renseignements confidentiels.
- 1.6 « Invention » - Toute réalisation, tout procédé, toute machine, toute fabrication ou toute composition de matières qui est à la fois nouveau et utile et toutes les améliorations nouvelles et utiles apportées à ces derniers.
- 1.7 « Ministre » - Le ministre des Pêches et des Océans et toute autre personne habilitée à le représenter.
- 1.8 « Tarif quotidien » - Renvoie à une journée de 7,5 heures de travail effectif. Si le nombre d'heures de travail est inférieur à ce chiffre, les honoraires seront calculés au prorata du nombre d'heures réel.
- 1.9 « Personne » - Notamment, mais sans limiter le caractère général de ce qui précède : particulier, partenariat, entreprise, société, entreprise commune, consortium, organisation ou toute entité, quelle qu'elle soit, conçue ou constituée ou tout groupe, association ou agrégation de ceux-ci.
- 1.10 « Prototypes » - Modèles, maquettes et échantillons.
- 1.11 « Documentation technique » - Plans, rapports, photographies, dessins, devis, spécifications, logiciels, levés, calculs et autres données, renseignements et documents recueillis, rassemblés, dessinés ou produits, y compris les imprimés d'ordinateur.
- 1.12 « Travaux » - À moins de stipulation contraire dans le contrat, tout ce qui doit être fait, fourni ou livré par l'entrepreneur pour s'acquitter de ses obligations aux termes du contrat.
- 1.13 Les rubriques qui introduisent les articles ne sont insérées que pour en faciliter la lecture et pour référence seulement. Elles ne visent pas à définir, limiter, interpréter ou décrire la portée ou l'intention de ces dispositions.
- 1.14 Tout renvoi à un numéro d'article vaut pour tous ses paragraphes.
- 1.15 Le singulier vaut pour le pluriel et vice-versa.
- 1.16 Le masculin vaut pour le féminin et vice-versa.

2. Priorité des documents

- 2.1 En cas de contradictions ou de divergences entre les présentes conditions générales et le contenu de tout autre document faisant partie du contrat, les présentes prévalent, sauf s'il y a conflit entre ces conditions et les articles de convention, l'offre de services ou tout autre document analogue, auquel cas ce sont les articles de convention, l'offre de services ou tout autre document analogue qui prévalent.

3. Successeurs et ayants droit

- 3.1 Le contrat est au bénéfice des parties et de leurs héritiers légitimes, exécuteurs testamentaires, administrateurs, successeurs et ayants droit autorisés et les lie.

4. Cession, novation et sous-traitance

- 4.1 Le contrat ne peut être cédé sans l'autorisation écrite préalable du Ministre. Toute cession faite sans cette autorisation est nulle et non avenue.
- 4.2 La cession du contrat ne libère pas l'entrepreneur de ses obligations aux termes de celui-ci et n'en impose pas à la Couronne ou au Ministre.
- 4.3 Toute cession des droits de la Couronne effectuée par le Ministre doit inclure la novation du cessionnaire du Ministre à titre de partie au contrat. L'entrepreneur est contraint d'accepter la novation. Les parties signeront et remettront rapidement tous les documents raisonnablement exigibles pour exécuter la novation.
- 4.4 L'entrepreneur ne peut sous-traiter une partie ou la totalité des travaux sans l'autorisation écrite préalable du Ministre. Tous les sous-contrats doivent intégrer les conditions et modalités du contrat raisonnablement applicables.

5. Délais de rigueur

- 5.1 Dans le présent contrat, tous les délais sont de rigueur, à moins de stipulation contraire.

6. Force majeure

- 6.1 Tout retard d'exécution de ses obligations par l'entrepreneur en raison uniquement d'un événement :

- 6.1.1 indépendant de sa volonté dans une mesure raisonnable,
- 6.1.2 impossible à prévoir dans une mesure raisonnable,
- 6.1.3 impossible à prévenir par des moyens raisonnablement accessibles,
- 6.1.4 survenu sans qu'une faute ou une négligence lui soit imputable,

peut, sous réserve des paragraphes 6.2, 6.3 et 6.4, constituer un « retard justifiable », pourvu que l'entrepreneur invoque cette disposition en donnant un avis en vertu du paragraphe 6.4.

- 6.2 Tout retard d'exécution de ses obligations par l'entrepreneur en raison du retard d'un sous-traitant, peut être considéré comme un « retard justifiable » de l'entrepreneur pourvu que le retard du sous-traitant satisfasse aux critères du « retard justifiable » de l'entrepreneur énoncés dans le présent article et seulement dans la mesure où l'entrepreneur n'a pas contribué au retard.
- 6.3 Nonobstant le paragraphe 6.1, tout retard causé par le manque de ressources financières de l'entrepreneur ou attribuable à un événement susceptible de donner lieu à la résiliation du contrat en vertu de l'article 9 ou tout retard de l'entrepreneur à remplir l'obligation de remettre un cautionnement, une garantie, une lettre de crédit ou toute autre sûreté concernant l'exécution des travaux ou le versement d'argent ne sera pas considéré comme un « retard justifiable ».
- 6.4 L'entrepreneur ne peut profiter d'un « retard justifiable » à moins :
- 6.4.1 qu'il ait fait de son mieux pour réduire le retard et pour rattraper le temps perdu;
 - 6.4.2 qu'il ait informé le Ministre du retard ou de la probabilité du retard dès qu'il en a eu connaissance,
 - 6.4.3 qu'il ait, dans les quinze (15) jours ouvrables suivant le moment où il a eu connaissance du retard ou de la probabilité de retard, informé entièrement le Ministre des faits ou des circonstances donnant lieu au retard et qu'il ait soumis à son approbation, laquelle ne doit pas être suspendue indûment, un plan de redressement clair indiquant toutes les mesures qu'il a l'intention de prendre pour atténuer les répercussions de l'événement causant le retard ou la probabilité de retard. Le plan de redressement doit comporter des sources d'approvisionnement et de main-d'œuvre de rechange si le retard ou la probabilité de retard concerne ce type de ressources, et
 - 6.4.4 qu'il ait mis en œuvre le plan de redressement approuvé par le Ministre.
- 6.5 En cas de « retard justifiable », les dates de livraison et autres échéances directement compromises seront reportées d'une durée raisonnable ne pouvant dépassant la durée du « retard justifiable ». Les parties modifieront le contrat le cas échéant, compte tenu du nouvel échéancier.
- 6.6 Nonobstant le paragraphe 6.7, si un « retard justifiable » se prolonge durant quinze (15) jours ouvrables ou plus, le Ministre peut, à sa seule discrétion, résilier le contrat. Dans ce cas, les parties conviennent qu'aucune d'elles ne réclamera à l'autre une indemnisation au titre des dommages-intérêts, pertes, coûts, pertes de profits et autres pertes découlant de la résiliation du contrat ou de l'événement ayant donné lieu au « retard justifiable ». L'entrepreneur convient de rembourser immédiatement à la Couronne de la partie de toute avance qui n'aurait pas été déboursée avant la résiliation. Les paragraphes 9.4, 9.5 et 9.6 sont applicables à la résiliation du contrat en vertu de la présente disposition.
- 6.7 Sauf si c'est elle qui est responsable du retard parce qu'elle n'aurait pas rempli l'une de ses obligations en vertu du contrat, la Couronne ne sera tenue responsable des coûts ou frais de quelque nature que ce soit que l'entrepreneur ou l'un ou l'autre de ses sous-traitants ou mandataires auraient assumés en raison d'un « retard justifiable ».

7. Indemnisation

- 7.1 L'entrepreneur garantira et protégera la Couronne et le Ministre contre toute demande d'indemnisation à l'égard de dommages, réclamations, pertes, coûts ou dépenses et contre toute action ou autre poursuite engagées ou dont ils seraient menacés, quel qu'en soit l'auteur et de quelque manière fondées sur, occasionnées par ou attribuables à :

- 7.1.1 tout accident ou décès d'une personne ou toute détérioration ou perte d'un bien attribuables à un acte volontaire ou une négligence, à une omission ou à un retard de la part de l'entrepreneur, de ses employés ou de ses mandataires dans le cadre de l'exécution des travaux ou par suite de leur exécution;
 - 7.1.2 tout privilège, réclamation, charge ou servitude visant des biens dévolus à la Couronne en vertu du présent contrat; et
 - 7.1.3 l'utilisation de l'invention revendiquée dans un brevet ou la contrefaçon ou présumée contrefaçon d'un brevet ou d'un dessin industriel enregistré ou d'un droit d'auteur résultant de l'exécution des obligations de l'entrepreneur en vertu du contrat et concernant l'utilisation ou de l'aliénation, par la Couronne, de toute chose fournie en vertu du contrat.
- 7.2 L'obligation de l'entrepreneur d'indemniser ou de rembourser la Couronne en vertu du contrat n'interdit pas à celle-ci d'exercer tout autre droit que lui confère la loi.
8. Avis
- 8.1 Les avis, demandes, directives ou autres communications devant être donnés en vertu du contrat doivent être adressés par écrit et sont valables s'ils sont transmis par courrier recommandé, par télécopieur ou par tout autre moyen électronique fournissant une version sur papier du texte et permettant d'obtenir une confirmation de sa réception par le destinataire, à l'adresse stipulée dans le contrat. Les avis, demandes, directives ou autres communications seront réputés avoir été adressés le jour où le récépissé postal a été signé par le destinataire (dans le cas de courrier recommandé), le jour où le document a été effectivement expédié (dans le cas de transmission par télécopieur ou par un autre moyen électronique) ou le jour de la livraison (dans le cas de remise en mains propres).
9. Résiliation pour raisons de commodité
- 9.1 Nonobstant les dispositions du contrat, le Ministre peut, en tout temps avant l'achèvement des travaux, en adressant un avis à l'entrepreneur (avis de résiliation), mettre fin à une partie ou à la totalité des travaux. Sur réception de cet avis, l'entrepreneur doit cesser les travaux dans la mesure exacte qui y est indiquée, mais il doit terminer la partie ou les parties des travaux qui ne sont pas visées par l'avis de résiliation. Le Ministre peut, en tout temps ou de temps à autre, adresser un ou plusieurs avis de résiliation supplémentaires visant une partie ou l'ensemble des travaux qui n'auront pas été interrompus par un avis de résiliation antérieur.
- 9.2 Si un avis de résiliation est signifié conformément au paragraphe 9.1, l'entrepreneur a droit, dans la mesure où les coûts auront été engagés à juste titre et en bonne et due forme pour permettre d'exécuter le contrat et dans la mesure où il n'a pas déjà été rémunéré ou remboursé par le Canada :
- 9.2.1 au paiement d'une somme établie d'après le prix du contrat pour l'ensemble des travaux achevés qui sont inspectés et acceptés conformément au contrat, qu'ils aient été terminés avant ou après l'avis de résiliation, conformément aux instructions qui y sont fournies;
 - 9.2.2 à ses frais, majorés d'une marge bénéficiaire juste et raisonnable, pour l'ensemble des travaux interrompus par l'avis de résiliation avant l'achèvement des travaux, ces frais étant calculés conformément aux modalités du contrat; et

- 9.2.3 au paiement de l'ensemble des coûts et des frais accessoires relatifs à l'interruption de la totalité ou d'une partie des travaux, compte non tenu des indemnités de cessation d'emploi ou des dommages à verser aux employés dont les services ne seront plus nécessaires du fait de cette résiliation, sauf les salaires que l'entrepreneur doit leur verser en vertu d'une loi et sauf les indemnités de cessation d'emploi ou les dommages raisonnables à verser aux employés embauchés pour exécuter le contrat, si leur embauche était expressément prévue dans le contrat ou a été approuvée par écrit par le Ministre pour les besoins du contrat.
- 9.3 Le Ministre peut réduire les sommes à verser à l'égard de n'importe quelle partie des travaux, si, après inspection, on constate que les conditions du contrat ne sont pas remplies.
- 9.4 Nonobstant le paragraphe 9.2, tous les montants auxquels l'entrepreneur a droit aux termes des paragraphes 9.2.1 et 9.2.2, ainsi que les montants versés, dus ou à valoir à l'entrepreneur aux termes d'autres dispositions du contrat, ne doivent pas dépasser le prix du contrat ou la partie de ce prix qui s'applique à la partie des travaux qui est interrompue.
- 9.5 Dans l'achat des matériaux et des pièces nécessaires à l'exécution du contrat et dans la sous-traitance des travaux, l'entrepreneur doit, à moins d'autorisation contraire du Ministre, passer des commandes et attribuer des contrats de sous-traitance selon des modalités qui lui permettront de les résilier en application de conditions et modalités comparables à celles qui sont prévues dans la présente disposition; et, en règle générale, l'entrepreneur doit collaborer avec le Ministre et ne négliger aucun effort, en tout temps, pour réduire la somme des obligations du Canada dans l'éventualité où le contrat serait résilié en vertu de la présente disposition.
- 9.6 L'entrepreneur ne peut pas réclamer de dommages-intérêts, d'indemnisation, d'indemnités pour perte de bénéfices, ou autre en raison ou découlant directement ou indirectement de toute mesure prise ou de tout avis de résiliation donné par le Ministre en vertu de la présente disposition, sauf dans la mesure prévue dans la présente disposition.
10. Résiliation en raison d'un manquement de l'entrepreneur
- 10.1 Le Ministre peut, par avis adressé à l'entrepreneur, interrompre une partie ou la totalité des travaux :
- 10.1.1 si l'entrepreneur fait faillite, devient insolvable ou fait l'objet d'une ordonnance de mise sous séquestre en faveur de ses créanciers, si une ordonnance est établie ou une résolution adoptée pour la liquidation de son entreprise ou s'il se prévaut d'une loi concernant les débiteurs en faillite ou insolvable, ou
- 10.1.2 si l'entrepreneur ne remplit pas l'une des obligations que lui impose le contrat ou si le Ministre estime que la lenteur des travaux compromet l'exécution du contrat dans les délais prévus.
- 10.2 Si le Ministre interrompt une partie ou la totalité des travaux en vertu de la présente disposition, il peut prendre les mesures qu'il juge utiles pour que les travaux interrompus soient achevés, et l'entrepreneur doit alors rembourser au Ministre tous les frais supplémentaires associés pour l'achèvement des travaux.
- 10.3 Si les travaux sont interrompus en vertu du paragraphe 10.1, le Ministre peut exiger, selon les modalités et dans la mesure qu'il jugera nécessaires, que l'entrepreneur remette et transfère à la Couronne le titre de propriété de tout travail exécuté qui n'a pas été remis et accepté avant la

résiliation ainsi que les matériaux et les travaux en cours que l'entrepreneur a acquis ou produits expressément en vue d'exécuter le contrat. Le Ministre paiera à l'entrepreneur tout travail livré à la suite de cette directive et que le Ministre aura accepté, les frais que l'entrepreneur a engagé pour ce travail, plus une somme proportionnelle des honoraires fixés dans le contrat; elle paiera ou remboursera aussi les coûts justes et raisonnables qu'il a dû assumer au titre des matériaux ou des travaux en cours qui ont été remis à la suite de la directive en question. Le Ministre peut retenir, sur la somme due à l'entrepreneur, le montant que le Ministre estime nécessaire pour protéger le Ministre contre les frais supplémentaires que pourra nécessiter l'achèvement des travaux.

- 10.4 L'entrepreneur n'a droit à aucun remboursement qui, avec les sommes qui lui ont été versées ou qui lui sont dues, résulterait en un total supérieur au prix du contrat pour l'ensemble ou une partie des travaux.
- 10.5 Si, après avoir donné un avis d'interruption des travaux en vertu du paragraphe 10.1, le Ministre découvre que des causes indépendantes de la volonté de l'entrepreneur ont empêché celui-ci de s'acquitter de ses obligations, l'avis sera considéré comme ayant été adressé en vertu du paragraphe 9.1, et les droits et les obligations des contractants seront régis par l'article 9.

11. Registres de l'entrepreneur

- 11.1 L'entrepreneur doit tenir à jour des registres et conserver des factures, des reçus, des pièces justificatives et tous les documents utiles concernant le coût des travaux et toutes les dépenses ou engagements financiers dans la mesure et de la façon qui permettront de procéder à des vérifications à la satisfaction du Ministre. Ces comptes, factures, reçus, pièces justificatives et autres documents doivent être accessibles aux vérificateurs et aux inspecteurs du Ministre, qui peut en tirer des copies ou des extraits.
- 11.2 L'entrepreneur doit mettre des locaux à la disposition des vérificateurs et des inspecteurs et il doit fournir au Ministre les renseignements que celui-ci lui demande aux fins de la vérification et de l'inspection.
- 11.3 L'entrepreneur ne doit pas se défaire de ces comptes, factures, reçus, pièces justificatives et autres documents sans l'autorisation écrite préalable du Ministre et il doit les conserver et les mettre à la disposition des vérificateurs et des inspecteurs du Ministre pendant une période de six (6) ans, en plus de l'année en cours, après l'achèvement, l'interruption ou la suspension des travaux.
- 11.4 L'attribution du présent contrat ne confère pas à l'entrepreneur le pouvoir de conserver des renseignements confidentiels dans ses locaux. Ces renseignements doivent rester dans les locaux du Ministère, à moins d'avis contraire permettant de les y enlever.

12. Code régissant les conflits d'intérêts et l'après-mandat

- 12.1 Il est entendu que quiconque à qui s'applique les dispositions relatives à l'après-mandat du Code régissant la conduite des titulaires de charge publique en ce qui concerne les conflits d'intérêts et l'après-mandat (1994) ou du Code de valeurs et d'éthique de la fonction publique (2003) ne peut bénéficier directement du présent contrat, à moins qu'il se conforme aux dispositions applicables concernant l'après-mandat.
- 12.2 Il est entendu que quiconque, au cours de la durée du contrat, participe à l'exécution des travaux doit se conduire conformément aux principes énoncés dans le Code régissant la conduite des titulaires de charge publique en ce qui concerne les conflits d'intérêts et l'après-mandat (1994), qui sont identiques à ceux du Code régissant les conflits d'intérêts et

l'après-mandat s'appliquant à la fonction publique (1985), outre le fait que les décisions seront prises dans l'intérêt public et en fonction de chaque situation. Tout avantage obtenu au cours de la durée du contrat qui entraînerait un conflit d'intérêts ou semblerait contredire ces principes doit être immédiatement signalé par l'entrepreneur au Ministre.

- 12.3 Il est entendu que quiconque, au cours de la durée du contrat ou par la suite, participe à l'exécution des travaux doit se conduire de telle sorte qu'il n'y ait pas conflit en raison d'intérêts contradictoires ou opposés avec d'autres clients de l'entrepreneur. Tout avantage obtenu au cours de la durée du contrat qui entraînerait un conflit d'intérêts doit être immédiatement signalé par l'entrepreneur au Ministre.

13. Statut de l'entrepreneur

- 13.1 Le présent contrat est une entente de services, et l'entrepreneur est retenu à titre d'entrepreneur indépendant à la seule fin de fournir les services prévus au contrat. Ni l'entrepreneur ni son personnel, y compris, sans s'y limiter, ses fonctionnaires, mandataires, employés ou sous-traitants, ne sont des employés, des préposés ou des mandataires de la Couronne, et la conclusion du contrat n'a pas pour effet de nommer ou d'embaucher l'entrepreneur ou son personnel à titre de fonctionnaires, de mandataires ou d'employés de la Couronne.
- 13.2 L'entrepreneur n'aura droit qu'aux avantages et paiements précisés dans le contrat.
- 13.3 L'entrepreneur doit respecter toutes les lois fédérales et provinciales et tous les règlements municipaux applicables aux travaux.
- 13.4 C'est à l'entrepreneur qu'il incombe d'effectuer les paiements et/ou retenues nécessaires et de présenter les demandes, rapports, paiements ou cotisations exigés par la loi, notamment, mais non exclusivement, ceux qu'imposent le Régime de pensions du Canada ou le Régime des rentes du Québec, l'Assurance-emploi, la Commission des accidents du travail, l'impôt sur le revenu, la taxe sur les produits et les services et la taxe de vente harmonisée. L'entrepreneur ne facturera pas au Ministre de frais qu'il doit assumer en s'acquittant de ses obligations en vertu de la présente disposition, ces frais ayant été pris en compte et ayant été inclus dans les paiements versés à l'entrepreneur précisés dans le contrat.

14. Garantie donnée par l'entrepreneur

- 14.1 L'entrepreneur garantit qu'il a la compétence nécessaire pour exécuter les travaux et qu'il possède les qualifications, les connaissances et les aptitudes nécessaires à cet égard.
- 14.2 L'entrepreneur garantit qu'il fournira des services d'une qualité au moins égale aux normes industrielles généralement applicables à un entrepreneur compétent dans une situation semblable.

15. Députés

- 15.1 Aucun membre de la Chambre des Communes n'est autorisé à être partie à ce contrat ou à en tirer un bénéfice quelconque.

16. Modifications et dispense

- 16.1 Aucune modification du contrat ou dispense de l'une de ses conditions ne sera valide à moins qu'elle fasse l'objet d'une entente écrite signée par toutes les parties.

- 16.2 Aucune augmentation de la responsabilité générale du Ministre ou du prix des travaux découlant d'un changement, d'une modification ou d'une interprétation quelconque du contrat ne sera autorisée ou accordée à l'entrepreneur, à moins que ce changement, cette modification ou cette interprétation n'ait préalablement été approuvé par écrit par le Ministre.

17. Harcèlement en milieu de travail

- 17.1 L'entrepreneur reconnaît qu'il incombe au Ministre de garantir à ses employés un milieu de travail sain, exempt de harcèlement. Un exemplaire de la politique du Conseil du trésor intitulée « Politique sur la prévention et le règlement du harcèlement en milieu de travail » est disponible à l'adresse suivante: http://www.tbs-sct.gc.ca/pubs_pol/hrpubs/hw-hmt/hara_f.asp.
- 17.2 L'entrepreneur doit s'abstenir, personnellement ou en tant qu'entité avec ou sans personnalité morale, par l'entremise de ses employés ou de ses sous-traitants, de harceler, de maltraiter, de menacer ou d'intimider tout employé, entrepreneur ou autre préposé employé par le ministère des Pêches et des Océans ou nommé par le Ministre ou d'abuser de son autorité ou d'agir de façon discriminatoire envers ces personnes.
- 17.3 L'entrepreneur accepte, en signant le présent contrat, que chaque personne visée à l'article 17.2 a le droit d'être traitée avec respect et dignité et l'obligation de traiter autrui de la même manière.
- 17.4 L'entrepreneur doit accéder à toutes les demandes du ministère des Pêches et des Océans l'invitant à participer à une procédure interne d'examen des plaintes, y compris au règlement des conflits, s'il y a lieu de régler, de façon informelle ou formelle, des plaintes relatives aux dispositions du paragraphe 17.2.
- 17.5 L'entrepreneur sera informé par écrit de toute plainte en vertu du paragraphe 17.2 et pourra y répondre par écrit.
- 17.6 Si une plainte est déposée contre l'entrepreneur, le chargé de projet doit l'informer de la procédure suivie par le Ministère.
- 17.7 Si la plainte est jugée fondée selon le paragraphe 17.2, il y a manquement aux engagements justifiant la résiliation aux termes de l'article 9.
- 17.8 Si la procédure de règlement des conflits ou une enquête est engagée, le Ministère peut décider de suspendre l'application du contrat et de rembourser l'entrepreneur conformément à l'article 9.
- 17.9 L'obligation de l'entrepreneur en vertu du paragraphe 17.2 est censée faire partie de l'exécution des travaux décrits dans l'énoncé de travail du contrat.
- 17.10 L'entrepreneur doit se conformer à toutes les lois applicables à l'exécution des travaux ou à une partie de ceux-ci selon les dispositions du paragraphe 17.2.

18. Propriété intellectuelle

- 18.1 Les documents techniques et les prototypes produits par l'entrepreneur dans le cadre de l'exécution des travaux prévus au contrat sont et demeurent la propriété de la Couronne.

L'entrepreneur doit en rendre intégralement compte au Ministre de la manière prescrite par celui-ci.

18.2 À moins d'avis contraire dans les conditions supplémentaires, tout droit, titre ou intérêt relatif à la propriété intellectuelle conçue et mise au point dans le cadre de l'exécution des travaux prévus au contrat est et demeure la propriété de l'entrepreneur, excepté que, si l'entrepreneur déclare de façon indépendante qu'il n'a ni l'intention ni la capacité d'exploiter commercialement cette propriété intellectuelle, la propriété est dévolue au Canada.

18.3 L'entrepreneur accorde par les présentes au Canada, relativement à la propriété intellectuelle visée au paragraphe 18.2, une licence non exclusive, irrévocable, mondiale, entièrement libérée et exempte de redevances qui lui permet d'utiliser, de faire utiliser, de fabriquer ou de faire fabriquer, de reproduire, de traduire, de mettre en pratique ou de produire ladite propriété intellectuelle à des fins officielles, sauf pour une vente commerciale qui ferait concurrence à l'entrepreneur. La licence du Canada comprend le droit d'accorder une sous-licence à l'égard de l'utilisation de la propriété en faveur de tout entrepreneur que le Canada engagerait uniquement pour exécuter le présent contrat ou tout autre subséquent au présent contrat. La sous licence doit autoriser l'utilisation de la propriété intellectuelle uniquement aux fins de l'exécution de contrats pour le Canada et exiger que l'autre entrepreneur préserve la confidentialité de la propriété intellectuelle.

19. Paiement par le Ministre

19.1 Disposition applicable lorsque les conditions de paiement prévoient des paiements ÉCHELONNÉS.

19.1.1 Le Ministre paiera l'entrepreneur au titre des travaux effectués :

- i) dans le cas d'un versement autre que le paiement final, dans les trente (30) jours civils suivant la date de réception de la demande de paiement dûment remplie, ou
- ii) dans le cas d'un paiement final, dans les trente (30) jours civils suivant la date de réception de la demande de paiement final dûment remplie ou dans le trente (30) jours civils suivant la date d'achèvement des travaux,

La date la plus tardive étant celle retenue.

19.1.2 Le Ministre doit informer l'entrepreneur de toute objection au formulaire de demande de paiement dans les quinze (15) jours civils suivant sa réception. Le « formulaire de demande de paiement » s'entend d'une demande contenant la documentation d'appui ou accompagnée de la documentation d'appui exigée par le Ministre. Si le Ministre n'informe pas l'entrepreneur de son objection dans un délai de quinze (15) jours, cela aura pour seul effet que la date prévue au paragraphe 19.1.1 ne sera applicable qu'au calcul des intérêts courus sur les comptes en souffrance.

19.2 Disposition applicable lorsque les conditions de paiement prévoient un paiement À L'ACHÈVEMENT DES TRAVAUX.

19.2.1 Le Ministre paiera l'entrepreneur au titre des travaux effectués :

- i) dans les trente (30) jours civils suivant la date à laquelle les travaux ont été complétés et livrés conformément au contrat, ou

- ii) dans les trente (30) jours suivant la date à laquelle il aura reçu une facture et de la documentation d'appui conformément au contrat,

La date la plus tardive étant celle retenue.

19.2.2 Le Ministre doit informer l'entrepreneur de toute objection au formulaire de facture dans les quinze (15) jours civils suivant sa réception. « Formulaire de facture » s'entend d'une facture contenant la documentation d'appui exigée par le Ministre ou accompagnée par cette documentation. Si le Ministre n'informe pas l'entrepreneur de son objection dans un délai de quinze (15) jours, cela aura pour seul effet que la date prévue au paragraphe 19.2.1 ne sera applicable qu'au calcul des intérêts courus sur les comptes en souffrance.

20. Paiement d'intérêts sur les comptes en souffrance

20.1 Les définitions qui suivent s'appliquent au présent article.

« Taux moyen » - Moyenne arithmétique simple du taux d'intérêt bancaire en vigueur à 16 h (heure normale de l'Est) chaque journée du mois civil qui précède immédiatement le mois civil au cours duquel le paiement est effectué.

« Taux d'intérêt bancaire » - Taux d'intérêt établi de temps à autre par la Banque du Canada à titre de taux minimum des avances à court terme qu'elle consent aux membres de l'Association canadienne des paiements.

« Date de paiement » - Date du titre négociable tiré par le Receveur général du Canada en vue du paiement d'un montant dû et exigible.

« Dû et exigible » - Montant dû et exigible en vertu du contrat.

« Compte en souffrance » - Montant impayé le lendemain du jour où il devient dû et exigible.

20.2 Le Ministre est tenu de verser à l'entrepreneur des intérêts simples au taux moyen plus 3 pour cent par an sur tout compte en souffrance à partir de la date à laquelle le compte devient en souffrance et jusqu'à la veille du jour où le paiement est effectué, inclusivement. Les intérêts courus sur les comptes en souffrance ne seront pas exigibles ou payés si le paiement reste en souffrance moins de quinze (15) jours, à moins que l'entrepreneur ne les réclame.

20.3 Le Ministre ne sera pas tenu de verser des intérêts s'il n'est pas responsable du retard de paiement.

20.4 Le Ministre ne sera pas tenu de verser des intérêts sur les versements d'avance en souffrance.

21. Horaire et lieu de travail

21.1 Si les travaux sont exécutés dans les bureaux du ministère des Pêches et des Océans (MPO), l'entrepreneur doit, pour faciliter la coordination avec les activités opérationnelles du Ministère, respecter l'horaire de travail des employés du Ministère.

21.2 Si les travaux sont exécutés en dehors des bureaux du MPO, l'horaire et le lieu de travail seront tels que le prévoit le contrat.

22. Responsabilités du Ministre

22.1 Le Ministre doit fournir un soutien, des instructions, des directives, des approbations, des décisions et des renseignements selon les dispositions du contrat.

23. Attestation – Honoraires conditionnels

23.1 L'entrepreneur atteste qu'il n'a pas, directement ou indirectement, versé et il convient qu'il ne versera pas, directement ou indirectement, d'honoraires conditionnels pour la sollicitation, la négociation ou l'obtention du contrat à quiconque en dehors d'une personne qui, dans l'exercice normal de ses fonctions, est censée recevoir des honoraires conditionnels.

23.2 Tous les comptes et registres relatifs au paiement d'honoraires conditionnels sont assujettis aux dispositions de cet article.

23.3 Si l'entrepreneur fait une déclaration fausse ou trompeuse ou s'il ne tient pas l'engagement pris en vertu de cette disposition, le Ministre peut, à sa discrétion, résilier le contrat pour manquement aux engagements en vertu de l'article 9 ou récupérer le montant complet d'honoraires conditionnels en les soustrayant du prix du contrat ou en les déduisant d'autres montants que la Couronne doit à l'entrepreneur en vertu du contrat.

23.4 Les définitions qui suivent s'appliquent au présent article.

23.4.1 « Honoraires conditionnels » - Tout paiement ou autre rémunération calculé en fonction du degré de succès obtenu dans la sollicitation ou l'obtention d'un contrat du gouvernement fédéral ou dans la négociation de la totalité ou d'une partie de ses modalités.

23.4.2 « Personne » - Inclut, sans s'y limiter, un employé, un mandataire ou un cessionnaire de l'entrepreneur, un particulier ou un groupe, une entreprise, un partenariat, une organisation ou une association et, sans limiter le caractère général de ce qui précède, toute personne qui est tenue de s'inscrire auprès du registraire en vertu de l'article 5 de la *Loi sur le lobbying*, L.C. (1985), ch. 44 (4^e supplément) (modifiée).

24. Attestation du prix

24.1 L'entrepreneur certifie que le prix/tarif indiqué dans le contrat a été établi conformément aux principes comptables généralement reconnus applicables à des produits/services semblables vendus par l'entrepreneur, que ce prix/tarif n'est pas supérieur au prix/tarif le plus bas demandé à tout autre client, y compris le meilleur client de l'entrepreneur, pour une qualité et une quantité semblables de produits/services et qu'il ne comprend pas un rabais ou des commissions à des agents de vente.

La section 24 est applicable seulement dans des situations contractuelles de source unique.

25. Paiement forfaitaire – Programmes de réduction des effectifs

25.1 Il est entendu :

25.1.1 que l'entrepreneur a déclaré au ministre tout paiement forfaitaire qu'il a reçu au titre d'un programme de réduction des effectifs, notamment, mais non exclusivement, de la Politique de transition dans la carrière pour les cadres de direction, qui a pour objet de réduire la fonction publique;

25.1.2 que l'entrepreneur a informé le Ministre des conditions et modalités du programme de réduction des effectifs aux termes duquel il a reçu un paiement forfaitaire et du taux en fonction duquel le paiement a été calculé.

26. Sanctions internationales

- 26.1 Les particuliers et les entreprises du Canada sont liées par les sanctions économiques que le Canada impose aux termes de règlements adoptés en vertu de la *Loi sur les Nations Unies*, L.R.C. (1985), ch. U-2, de la *Loi sur les mesures économiques spéciales*, L.C. 1992, ch. 17 ou de la *Loi sur les licences d'exportation et d'importation*, L.R.C. (1985), ch. E-19. Il s'ensuit que le Canada ne peut accepter de biens et services en provenance, directement ou indirectement, de pays assujettis à des sanctions économiques. À la signature du contrat, les sanctions économiques applicables sont celles qui sont décrites à l'adresse suivante : <http://www.dfait-maeci.gc.ca/trade/sanctions-fr.asp>.
- 26.2 Il est entendu que l'entrepreneur ne doit pas fournir au Canada de biens et de services assujettis à des sanctions économiques telles que le décrit le paragraphe 26.1.
- 26.3 Si, au cours de l'exécution des travaux, un pays ou des biens et services sont ajoutés à la liste des pays et biens et services sanctionnés et que cela empêche l'entrepreneur de remplir son contrat, la situation sera considérée par les parties comme un retard justifiable. L'entrepreneur informera aussitôt le Ministre de la situation, sur quoi les procédures prévues à l'article 6 deviendront applicables.

27. Langues officielles

- 27.1 Les services fournis et communications adressées par l'entrepreneur dans le cadre de l'exécution des travaux doivent l'être dans les deux langues officielles, comme le prévoit la Partie IV de la *Loi sur les langues officielles* (modifiée de temps à autre).

28. Intégralité de l'entente

- 28.1 Le présent contrat constitue l'intégralité de l'entente conclue entre les parties concernant l'objet du contrat et il a préséance sur toutes les négociations, communications et autres ententes antérieures s'y rattachant, à moins qu'elles soient expressément signalées par renvoi dans le contrat.

29. Considérations environnementales

- 29.1 Dans la mesure où cela est possible et économique, les soumissions, les rapports prévus au contrat et les autres communications écrites seront présentés recto-verso sur du papier recyclé ou sur disquette.
- 29.2 La préférence sera accordée aux biens et services considérés comme étant écologiquement supérieurs dans le cadre des capacités techniques et économiques existantes. Le choix des biens et des services sera fonction de leur utilisation efficace de l'énergie et des ressources naturelles, de leur capacité d'être réutilisés ou recyclés et des moyens de s'en débarrasser sans danger.

- 29.3 Il convient de tout mettre en œuvre pour acheter des produits qui portent une certification environnementale ou faire preuve de discernement pour obtenir des produits qui nuisent le moins possible à l'environnement.
- 29.4 L'entrepreneur qui exécute les travaux en vertu du présent contrat doit se conformer intégralement aux dispositions de la *Loi canadienne sur la protection de l'environnement (1999)*, la *Loi canadienne sur l'évaluation environnementale*, la *Loi sur les pêches* et de règlements comme le *Règlement sur la prévention de la pollution des eaux arctiques*, ainsi qu'aux ordres permanents, politiques et procédures du ministère des Pêches et des Océans concernant la protection environnementale.
- 29.5 L'entrepreneur doit être conscient de ses obligations découlant de la *Loi canadienne sur la protection de l'environnement (1999)*, qui prévoit que toute personne doit prendre les mesures concrètes et raisonnables qui conviennent pour prévenir ou réduire au minimum les dommages à l'environnement ou les nuisances que ses activités causent ou sont susceptibles de causer.
- 29.6 Tout ce qui est fait ou omis d'être fait par l'entrepreneur ou ses employés et qui compromet le ministère des Pêches et des Océans dans ses obligations en vertu des lois environnementales peut donner lieu à la résiliation immédiate du contrat. Les amendes, frais ou dépenses imposés au Ministre en raison d'infractions à la *Loi canadienne sur la protection de l'environnement* commises par l'entrepreneur seront intégralement déduits des paiements à verser à l'entrepreneur.
30. Santé et sécurité
- 30.1 L'entrepreneur est responsable de la santé et de la sécurité de toutes les personnes qui participent à l'exécution des travaux et il doit se conformer aux exigences les plus strictes en matière de santé et de sécurité parmi celles que prévoient les lois, politiques et procédures fédérales ou provinciales ou les règlements municipaux, qui s'appliquent à l'exécution des travaux.
31. Confidentialité – Sécurité et protection des travaux
- 31.1 L'entrepreneur doit garantir la confidentialité de tous les renseignements qui lui sont fournis par le Canada ou en son nom dans le cadre de l'exécution des travaux, notamment les renseignements qui appartiennent à des tiers et toutes les données élaborées ou produites par lui dans le cadre de l'exécution des travaux si la propriété intellectuelle de ces données (sauf licence) appartient au Canada aux termes du contrat. L'entrepreneur ne doit pas communiquer ces renseignements à qui que ce soit sans l'autorisation écrite du Ministre, excepté qu'il peut communiquer à un sous-traitant autorisé en vertu de l'article 4 les renseignements dont celui-ci a besoin pour exécuter sa partie des travaux, à la condition que le sous-traitant s'engage à ne les utiliser que pour les fins du sous-contrat. Les renseignements fournis à l'entrepreneur par le Canada ou en son nom ne doivent servir qu'aux fins du contrat et restent la propriété du Canada ou de la tierce partie intéressée, selon le cas. À moins d'avis contraire dans le contrat, l'entrepreneur doit communiquer tous ces renseignements au Canada ainsi que toutes les copies, versions provisoires, documents de travail et notes s'y rattachant à l'achèvement ou à la résiliation du contrat ou lorsque le Ministre les demandera.
- 31.2 Sous réserve des dispositions de la *Loi sur l'accès à l'information* et de tout droit qu'il aurait à cet égard aux termes du présent contrat, le Canada ne divulguera pas à l'extérieur du gouvernement les renseignements qui lui sont fournis dans le cadre de l'exécution du contrat et qui appartiennent à l'entrepreneur ou à l'un de ses sous-traitants.

- 31.3 Les obligations des parties énoncées ici ne s'appliquent pas aux renseignements a) qui sont accessibles au public par d'autres sources que l'autre partie, ou b) qui deviennent connus de l'une des parties par une autre source que l'autre partie, sauf si les sources en question sont censées s'être engagées auprès de l'autre partie à ne pas divulguer ces renseignements, ou c) qui sont créés par l'une des parties sans utiliser les renseignements de l'autre partie.
- 31.4 Autant que possible, l'entrepreneur doit marquer ou identifier tout renseignement exclusif communiqué au Canada aux termes du contrat en indiquant « Propriété de (nom de l'entrepreneur) dont l'usage par le gouvernement est autorisé et défini en vertu des dispositions du contrat no (*indiquer le numéro de contrat*) conclu avec le ministère des Pêches et des Océans », et le Canada ne sera pas tenu responsable des usages ou communications non autorisés de renseignements qui auraient pu être identifiés comme tels, mais ne l'étaient pas.
- 31.5 Lorsque le contrat, les travaux ou des renseignements du Canada relevant du paragraphe 31.1 portent la mention TRÈS SECRET, SECRET, CONFIDENTIEL ou PROTÉGÉ, l'entrepreneur doit en tout temps prendre toutes les mesures qui s'imposent pour protéger la documentation ainsi marquée, dont les renseignements énoncés dans des politiques de TPSGC concernant la sécurité et les autres instructions publiées par le Ministre.
- 31.6 Sans limiter le caractère général des paragraphes 31.1 et 31.2, il est entendu que, si le contrat, les travaux ou des renseignements du Canada relevant du paragraphe 1 portent la mention TRÈS SECRET, SECRET, CONFIDENTIEL ou PROTÉGÉ, le Ministre a le droit, en tout temps pendant la durée du contrat, d'inspecter les locaux de l'entrepreneur et ceux des sous-traitants, à n'importe quel niveau, pour en vérifier le degré de sécurité, et l'entrepreneur doit se conformer, et veiller à ce que les sous-traitants se conforment, à toutes les instructions écrites publiées par le Ministre concernant les documents ainsi identifiés, notamment à la condition que les employés de l'entrepreneur et de ses sous-traitants doivent signer et remettre des déclarations concernant la vérification de la fiabilité, les cotes de sécurité et d'autres procédures.
- 31.7 Tout changement proposé aux conditions de sécurité après la date d'entrée en vigueur du contrat qui supposerait une augmentation importante des coûts pour l'entrepreneur devra passer par une modification du contrat aux termes de l'article 16.
32. Le Code de conduite pour l'approvisionnement
- 32.1 L'entrepreneur atteste qu'il a lu le Code de conduite pour l'approvisionnement et qu'il accepte de s'y conformer.
- 32.2 Pour plus d'informations, l'entrepreneur peut se référer au site de TPSGC suivant : <http://www.tpsgc-pwgsc.gc.ca/app-acq/cndt-cndct/contexte-context-eng.html>.



TERMS OF PAYMENT

Payment shall be made following delivery, inspection and acceptance of the work, and following presentation of invoices. The period for payments shall be within thirty (30) days, calculated from:

- a) The date the invoice is received, or
- b) The date of the receipt of the goods or the completion of work, whichever is the latest of (a) or (b); or
- c) The date defined in the contract.

Except as otherwise stated in the contract, DFO shall be liable to pay, without demand from the Contractor, simple interest at the Bank rate plus three (3) percent on any amount which is overdue from the day such amount became overdue until the day prior to the date of payment, inclusively. Interest shall be paid without notice from the Contractor except in respect of payment which is less than 15 days overdue. No interest will be payable or paid in respect of payment made within such 15 days unless the Contractor so requests after payment has become due. The Bank rate shall be that rate prevailing at the opening of business on the date of payment.

METHOD OF PAYMENT

Invoices must be sent in duplicate to the address indicated in the contract. The contract number identified on page one of the contract must be indicated on all invoices.

TAXES

All prices and amounts of money in the Contract are exclusive of Goods and Services Tax (GST), or Harmonized Sales Tax (HST), as applicable, unless otherwise indicated. The GST or HST, whichever is applicable, is extra to the price herein and will be paid by Canada.

The estimated GST or HST is included in the total estimated cost. GST or HST, to the extent applicable, will be incorporated into all invoices and progress claims and shown as a separate item. All items that are zero-rated, exempt or to which the GST or HST does not apply, are to be identified as such on all invoices. The Contractor agrees to remit to Revenue Canada any amounts of GST and HST paid or due.

MODALITÉS DE PAIEMENT

Le paiement doit être effectué suivant la livraison, l'inspection et l'acceptation de l'ouvrage sur présentation de factures et autres pièces justificatives. Les paiements doivent être faits dans les trente (30) jours à compter de:

- a) La date de réception de la facture, ou
- b) La date de la réception des biens ou de l'échéance du travail, laquelle étant la plus tardive de (a) ou (b); ou
- c) La date stipulée dans le contrat.

Sauf stipulation contraire du contrat, le MPO est tenu de payer, sans que l'entrepreneur n'en fasse la demande, l'intérêt simple, calculé à l'aide de taux d'escompte plus trois (3) pour cent, sur tout montant en souffrance, et ce, à compter du jour où le montant est devenu échu jusqu'au jour précédant la date où le paiement est effectué, inclusivement. L'intérêt est payable sans avis de l'entrepreneur pour une somme en souffrance pour plus de 15 jours. Un intérêt est payé pour une somme en souffrance pour moins de 15 jours si l'entrepreneur en fait la demande. Le taux d'escompte est celui qui avait cours à l'ouverture des bureaux, le jour du paiement.

MÉTHODE DE PAIEMENT:

Les factures doivent être envoyées, en double exemplaire, à l'adresse stipulée dans le contrat. Le numéro de contrat figurant à la page 1 du présent contrat doit être inscrit sur toutes les factures.

IMPÔTS:

Dans le présent contrat, sauf indication contraire, tous les prix et toutes les sommes excluent la taxe sur les produits et services (TPS) ou la taxe de vente harmonisée (TVH), le cas échéant. La TPS ou la TVH, s'il y a lieu, vient s'ajouter au prix indiqué dans le présent contrat et sera acquittée par le Canada.

La TPS ou la TVH estimative est comprise dans le coût estimatif total. Dans la mesure où elle s'applique, la TPS ou la TVH sera précisée dans toutes les factures et demandes d'acompte et sera indiquée distinctement sur ces factures et dans ces demandes. Tous les biens ou les services détaxés, exemptés ou auxquels la TPS ou la TVH ne s'appliquent pas doivent être précisés à ce titre sur toutes les factures. L'entrepreneur s'engage à verser à Revenu Canada toutes les sommes acquittées ou exigibles au titre de la TPS et de la TVH.

Dupuis, Monique

From: Fillion, Diana
Sent: February 8, 2019 4:05 PM
To: Dupuis, Monique
Cc: Comeau, Sandra J
Subject: RE: Reminder: Call for agenda items Annual DMP Meeting / Rappel : Appel à l'ordre du jour réunion annuelle du PVQ

Bonjour Monique,

Je vais transmettre mes items à Sandra, qui sera présente pour le secteur ENB.

Diana Fillion

Resource Management / Gestion de la ressource
Eastern NB Area / Secteur Est du N.-B.
Fisheries and Oceans Canada / Pêches et Océans Canada
Diana.Fillion@dfo-mpo.gc.ca / Tel: 506 395-7740

From: Dupuis, Monique
Sent: February-08-19 3:45 PM
To: Smith, Jennifer R (Gulf); Thomas, Tashina; Lemay, Gaëlle; Austin, Dave; McDermid, Jenni; Comeau, Sandra J; Chiasson, Philippe; Massiera, Josiane; Mallet, Pierre; Gaudet, Mario; Belliveau, Ron; Robichaud-Hache, Melanie; Breault, Jonathan; Albert, Gabriel M; Fillion, Diana; Dwyer, Alan; Moore, Benjamin
Subject: Reminder: Call for agenda items Annual DMP Meeting / Rappel : Appel à l'ordre du jour réunion annuelle du PVQ

Bonjour,

This is a gentle reminder that agenda items are now due if you haven't submitted them yet.

Un simple rappel amical de m'envoyer vos points à l'ordre du jour pour cette réunion si ce n'est pas déjà fait.

Have a great weekend !

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Dupuis, Monique
Sent: January 29, 2019 1:52 PM
To: Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>; Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>; Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; Belliveau, Ron <Ron.Belliveau@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Breault, Jonathan

<Jonathan.Breault@dfo-mpo.gc.ca>

Cc: Hachey, Carole M <Carole.Hachey@dfo-mpo.gc.ca>

Subject: Call for agenda items Annual DMP Meeting / Appel à l'ordre du jour réunion annuelle du PVQ

Hello,

This is a call for agenda items for the Annual DMP meeting that is scheduled for March 6, 2019. Should you have any agenda items that you would like to discuss at the meeting, please send them to my attention before COB Friday, February 8, 2019.

Bonjour,

Ceci est un appel à l'ordre du jour pour la réunion annuelle du PVQ qui est cédulé le 6 mars 2019. Veuillez S.-V.-P. me transmettre vos points à l'ordre du jour pour discussion d'ici la fin de la journée le vendredi 8 février 2019.

Thank you / Merci !

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection

Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Albert, Gabriel M
Sent: February 7, 2019 2:51 PM
To: Dupuis, Monique
Cc: St-Coeur, John
Subject: Fwd: DMP annual meeting on March 6th

Categories: To Do

Bonjour Monique,

Je représenterais ENB pour la rencontre DMP à Moncton.

À moins que la température est défavorable, Je prévois être présent à la rencontre à Moncton. Je vais probablement voyagé la journée auparavant (5 mars) et me retourner chez moi après le meeting (6 mars).

Merci,

Gabriel

Sent from my iPhone

Begin forwarded message:

From: "Breault, Jonathan" <Jonathan.Breault@dfp-mpo.gc.ca>
Date: February 7, 2019 at 11:07:49 AM AST
To: "Albert, Gabriel M" <Gabriel.Albert@dfp-mpo.gc.ca>
Subject: Fwd: DMP annual meeting on March 6th

FYI

Sent from my Bell Samsung device over Canada's largest network.

----- Original message -----

From: "Dupuis, Monique" <Monique.Dupuis@dfp-mpo.gc.ca>
Date: 2019-02-07 11:01 AM (GMT-04:00)
To: "Austin, Dave" <Dave.Austin@dfp-mpo.gc.ca>, "Comeau, Sandra J" <Sandra.Comeau@dfp-mpo.gc.ca>, "Chiasson, Philippe" <Philippe.Chiasson@dfp-mpo.gc.ca>, "Gaudet, Mario" <Mario.Gaudet@dfp-mpo.gc.ca>, "Breault, Jonathan" <Jonathan.Breault@dfp-mpo.gc.ca>, "Moore, Benjamin" <Benjamin.Moore@dfp-mpo.gc.ca>, "Dwyer, Alan" <Alan.Dwyer@dfp-mpo.gc.ca>, "Fillion, Diana" <Diana.Fillion@dfp-mpo.gc.ca>
Subject: DMP annual meeting on March 6th

Bonjour,

In order to complete the Event plan for the meeting, I would like to know if you will be travelling to attend this meeting or if you will be attending via teleconference. If you will be travelling, can you

please advise me of your travel details? The meeting is scheduled to start at 9am and end between 3-4pm.

Thank you for your cooperation and have a great day!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ ,
Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Chiasson, Philippe
Sent: February 7, 2019 2:29 PM
To: Dupuis, Monique
Subject: Re: DMP annual meeting on March 6th

Hi Monique,

I will travel the day before and the day after. I'm 5 hours away.

Phil

Philippe Chiasson

Fishery Officer

Cheticamp NS

(902) 224-2017 off.

(902) 224-2579 fax

(902) [REDACTED] work cell

s.16(2)(c)

Sent from my iPhone

On Feb 7, 2019, at 11:01, Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Bonjour,

In order to complete the Event plan for the meeting, I would like to know if you will be travelling to attend this meeting or if you will be attending via teleconference. If you will be travelling, can you please advise me of your travel details? The meeting is scheduled to start at 9am and end between 3-4pm.

Thank you for your cooperation and have a great day!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ,
Conservation et protection

Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Island Weigh 95, Inc. <Islandweigh@hotmail.com>
Sent: February 7, 2019 10:57 AM
To: Dupuis, Monique
Subject: Re: Annual DMP Meeting / Réunion annuelle du PVQ
Attachments: 2019 - Annual Meeting Moncton - Concerns.doc

Categories: Yellow Category

Hi Monique,

Attached are some items for discussion also one that may not be for discussion at meeting. Thanks.

Tammy
Island Weigh

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: January 29, 2019 10:55 AM
To: Dupuis, Monique
Subject: Annual DMP Meeting / Réunion annuelle du PVQ

Un message français suivra....

Hello,
I am in the preliminary stage of organizing the Annual DMP meeting in Moncton/Dieppe, NB area (location is still to be determined). The meeting is scheduled for March 6, 2019. Formal communication and invitation will be sent once everything is finalized.

Should you have any items for discussion, please send them to my attention by the end of day Friday, February 8, 2019

Regards,

Bonjour,
Je suis dans la planification préliminaire à l'organisation de la réunion annuelle du PVQ qui se tiendra à Moncton/Dieppe, N.-B. (le lieu est encore à déterminer) le 6 mars 2019. Une fois la planification terminée, je vous enverrai l'invitation formelle.

Prière de m'envoyer vos points de discussion d'ici la fin de la journée le vendredi 8 février 2019.

Bien à vous ;

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel régional – Coordinatrice de programme d'observateur en mer et PVQ, Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Annual Meeting Moncton

Departure port on Vessel Hail Outs;

- Would be very beneficial for staffing purposes during big fisheries to have departure port show up on Hail Out, this saves a lot of time. An email was sent to Carole Hachey and CC: to Ron Belliveau and Elena Rouselle on Sept. 25, 2018 and Oct 9, 2018.

Tuna Hail Outs;

- In Dec. 2017 at our annual meeting it was stated the money is sitting there to have the VHOR upgraded so it could handle all the 2018 tuna hail outs. We know this was not complete, is it looking like it will be done for the 2019 season? An email was sent to Carole, Ron and Elena on Oct 9-18.

Poor service from DFO Moncton June-end of August, 2018 for creating account for data clerk; (May not want to put on agenda)

- Waiting this long to have a data clerk account created is unexceptable. DFO expects DMCs to have data sent to them asap, we hope for the same service unless there are complication, which there were none in this case. Emails were sent to Carole, Daniel Lapiere, Elena, Ron and Gaelle Lemay (whom was the only one to respond quickly or within a couple of days)

Scanning and Emailing documents;

- This task is very time consuming, and along with the scanning is a great expense for our company , we are wondering if it is possible to have a “**Drop Box**” or something like that so that files can be sent more efficiently

GFISP – Maintaining Monitoring Documents;

- When system does not recognize position fishing it is very time consuming to have to go out and re-start the entry under the Log tab. It would be great if we could just delete the position and carry on or let whatever is entered from the log go.

Seized Document;

- In the DMP Policy Gulf Annex March 2018; Section 5.2.2., it mentions the Annex A form, we still have not received this.

Dupuis, Monique

From: Dupuis, Monique
Sent: January 29, 2019 1:52 PM
To: Smith, Jennifer R (Gulf); Thomas, Tashina; Lemay, Gaëlle; Austin, Dave; McDermid, Jenni; Comeau, Sandra J; Chiasson, Philippe; Massiera, Josiane; Mallet, Pierre; Gaudet, Mario; Belliveau, Ron; Robichaud-Hache, Melanie; Breault, Jonathan
Cc: Hachey, Carole M
Subject: Call for agenda items Annual DMP Meeting / Appel à l'ordre du jour réunion annuelle du PVQ

Hello,

This is a call for agenda items for the Annual DMP meeting that is scheduled for March 6, 2019. Should you have any agenda items that you would like to discuss at the meeting, please send them to my attention before COB Friday, February 8, 2019.

Bonjour,

Ceci est un appel à l'ordre du jour pour la réunion annuelle du PVQ qui est cédulé le 6 mars 2019. Veuillez S.-V.-P. me transmettre vos points à l'ordre du jour pour discussion d'ici la fin de la journée le vendredi 8 février 2019.

Thank you / Merci !

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: jcbourque@jcbinterpretation.com
Sent: January 25, 2019 4:06 PM
To: Dupuis, Monique
Subject: Re: devis du 12 mars 2019

Oui tu l'auras lundi matin

Sent from [REDACTED]

On Jan 25, 2019, at 2:59 PM, Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Bonjour,
Je dois changer la date de la réunion due à un conflit d'horaire des participants. Est-ce que tu peux S.-V.-P. révisé le devis pour la date du 6 mars 2019 ?

Merci et bonne journée !
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: JC Bourque <jcbourque@jcbinterpretation.com>
Sent: January 15, 2019 8:47 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: devis du 12 mars 2019

JC Bourque

Dupuis, Monique

From: Chiasson, Philippe
Sent: January 18, 2019 2:31 PM
To: Dupuis, Monique
Subject: Re: DMP Annual meeting

Hi Monique,

It looks very busy for meeting, for my part, as we speak. I'm available any date you provided.

Phil

Philippe Chiasson
Fishery Officer
Cheticamp NS
(902) 224-2017 off.
(902) 224-2579 fax
(902) [REDACTED] work cell

s.16(2)(c)

Sent from my iPhone

On Jan 18, 2019, at 10:43, Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Bonjour,
Sorry for all the e-mails as I am trying to accommodate the largest number for attendance as possible. ☺

Can you give me your availability for the following dates:

February 19th to 21st

March 6th (NB March Break)

March 14th

March 19th to 21st

Merci!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Dupuis, Monique
Sent: January 18, 2019 10:19 AM
To: Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-

mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni
<Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig
<Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault,
Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe
<Philippe.Chiasson@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>

Subject: RE: DMP Annual meeting

Bonjour,

Since many replied back advising they had other commitments on March 12th, would March 14th work better?

I am trying to keep it the week of March 11th as this is a week that there are no March Breaks in any of the Atlantic provinces.

Many thanks!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Dupuis, Monique

Sent: January 14, 2019 11:05 AM

To: Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni
<Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig
<Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault,
Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Beauchamp, Sébastien <Sebastien.Beauchamp@dfo-mpo.gc.ca>

Cc: Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>

Subject: DMP Annual meeting

Bonjour,

I am currently in the preliminary stage of planning the annual DMP meeting with Dockside Monitoring Companies. You are receiving this e-mail as you participated to the last DMP meeting held in December 2017.

The tentative date for the meeting will be March 12, 2019 at the Holiday Inn Express & Suites Dieppe Airport (same location as last meeting).

Can you confirm your attendance to this meeting? For attendance number purposes, can you advise me if you will extend this invitation to another member of your team?

If you wish to submit any agenda items for this meeting, please send directly them to me.

If I forgot to extend the invitation to someone, please do not hesitate to advise me.

Bonne journée!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Gaudet, Mario
Sent: January 18, 2019 2:27 PM
To: Dupuis, Monique; Lemay, Gaëlle; Smith, Jennifer R (Gulf); Thomas, Tashina; McDermid, Jenni; MacDonald, Craig; MacIsaac, Shane; Breault, Jonathan; Robichaud-Hache, Melanie; Comeau, Sandra J; Chiasson, Philippe; Austin, Dave
Subject: RE: DMP Annual meeting

March 19, 20 or 21 works for me...
Mario

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: January-18-19 10:43 AM
To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>
Subject: RE: DMP Annual meeting

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Sorry for all the e-mails as I am trying to accommodate the largest number for attendance as possible. ☺

Can you give me your availability for the following dates:

February 19th to 21st

March 6th (NB March Break)

March 14th

March 19th to 21st

Merci!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Dupuis, Monique
Sent: January 18, 2019 10:19 AM
To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe

<Philippe.Chiasson@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>

Subject: RE: DMP Annual meeting

Bonjour,

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I am trying to keep it the week of March 11th as this is a week that there are no March Breaks in any of the Atlantic provinces.

Many thanks!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Dupuis, Monique

Sent: January 14, 2019 11:05 AM

To: Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Beauchamp, Sébastien <Sebastien.Beauchamp@dfo-mpo.gc.ca>

Cc: Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>

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Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: MacIsaac, Shane
Sent: January 18, 2019 12:09 PM
To: Chisholm, Graham A; Gillespie, Glen; Sheidow, Don; Dionne, Michelle R; Waddell, Lindsay; Dunphy, Marcus
Cc: Dupuis, Monique
Subject: FW: DMP Annual meeting

See list of proposed dates from Monique in the event you have identified someone to attend this meeting.

Shane

Shane MacIsaac
Fishery Officer/Field Supervisor
30 MacPhee Ave, P.O. Box 448
Souris PE COA 2B0
Ph: 902-687-2019
Fax: 902-687-3590

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: Friday, January 18, 2019 10:43 AM
To: Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>
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Merci!
Monique

Monique Dupuis
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Sent: January 18, 2019 10:19 AM

To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>

Subject: RE: DMP Annual meeting

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Monique

Monique Dupuis

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From: Dupuis, Monique

Sent: January 14, 2019 11:05 AM

To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Beauchamp, Sébastien <Sebastien.Beauchamp@dfo-mpo.gc.ca>

Cc: Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>

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Bonne journée!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Comeau, Sandra J
Sent: January 18, 2019 11:28 AM
To: Dupuis, Monique; Lemay, Gaëlle; Smith, Jennifer R (Gulf); Thomas, Tashina; McDermid, Jenni; Gaudet, Mario; MacDonald, Craig; MacIsaac, Shane; Breault, Jonathan; Robichaud-Hache, Melanie; Chiasson, Philippe; Austin, Dave
Subject: RE: DMP Annual meeting

Bonjour Monique,

Feb 20 -21 is the Gulf Small Pelagics Advisory Committee and March 14 is the Gulf Groundfish Advisory Committee. I will be attending these meetings along with a few others included in this distribution list.

Feb 19 – OK for me,
March 6 – OK for me
March 19-21 – OK for me

Thank you.

Sandra Comeau
Resource Management / Gestion de la ressource
Telephone / Téléphone 506-395-7765

From: Dupuis, Monique
Sent: January-18-19 10:43 AM
To: Lemay, Gaëlle; Smith, Jennifer R (Gulf); Thomas, Tashina; McDermid, Jenni; Gaudet, Mario; MacDonald, Craig; MacIsaac, Shane; Breault, Jonathan; Robichaud-Hache, Melanie; Comeau, Sandra J; Chiasson, Philippe; Austin, Dave
Subject: RE: DMP Annual meeting

Bonjour,
Sorry for all the e-mails as I am trying to accommodate the largest number for attendance as possible. ☺

Can you give me your availability for the following dates:

February 19th to 21st
March 6th (NB March Break)
March 14th
March 19th to 21st

Merci!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Dupuis, Monique

Sent: January 18, 2019 10:19 AM

To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>

Subject: RE: DMP Annual meeting

Bonjour,

Since many replied back advising they had other commitments on March 12th, would March 14th work better?

I am trying to keep it the week of March 11th as this is a week that there are no March Breaks in any of the Atlantic provinces.

Many thanks!

Monique

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Dupuis, Monique

Sent: January 14, 2019 11:05 AM

To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Beauchamp, Sébastien <Sebastien.Beauchamp@dfo-mpo.gc.ca>

Cc: Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>

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If I forgot to extend the invitation to someone, please do not hesitate to advise me.

Bonne journée!

Monique

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: McDermid, Jenni
Sent: January 18, 2019 11:06 AM
To: Dupuis, Monique
Subject: RE: DMP Annual meeting

February 19th to 21st – Not available
March 6th (NB March Break) – Available
March 14th - Not available
March 19th to 21st - Not available

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: January 18, 2019 10:43 AM
To: Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>
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Cc: Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>

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s.19(1)

Dupuis, Monique

From: Austin, Dave
Sent: January 18, 2019 11:03 AM
To: Dupuis, Monique
Cc: Chiasson, Philippe; Leblanc, Arthur; MacDonald, Craig
Subject: D austin available dates, RE: DMP Annual meeting

Hi Monique,
here are mine.....
February 19th to 21st YES to Feb 20 & 21, **No to Feb 19** as that is SFA/Scallop 24 advisory meeting day, 1000-1530
March 6th (NB March Break) YES
March 14th · YES
March 19th to 21st No, it is NS March Break, [REDACTED]

cheers, dave

From: Dupuis, Monique
Sent: Friday, January 18, 2019 10:43 AM
To: Lemay, Gaëlle; Smith, Jennifer R (Gulf); Thomas, Tashina; McDermid, Jenni; Gaudet, Mario; MacDonald, Craig; MacIsaac, Shane; Breault, Jonathan; Robichaud-Hache, Melanie; Comeau, Sandra J; Chiasson, Philippe; Austin, Dave
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From: Dupuis, Monique

Sent: January 14, 2019 11:05 AM

To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Beauchamp, Sébastien <Sebastien.Beauchamp@dfo-mpo.gc.ca>

Cc: Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Serge Chiasson- Pèse pêche <pese@nb.aibn.com>
Sent: February 12, 2019 1:30 PM
To: Dupuis, Monique
Subject: Re: Annual DMP meeting location / Lieu de la réunion annuelle du PVQ

Oui

From: Dupuis, Monique
Sent: Tuesday, February 12, 2019 11:19 AM
To: Serge Chiasson- Pèse pêche
Subject: RE: Annual DMP meeting location / Lieu de la réunion annuelle du PVQ

Allo Serge,
Est-ce que tu seras seul à la réunion?

Merci !
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Serge Chiasson- Pèse pêche <pese@nb.aibn.com>
Sent: February 12, 2019 11:05 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: Re: Annual DMP meeting location / Lieu de la réunion annuelle du PVQ

Bonjour Monique

Je serai présent

Merci
Bonne semaine

Serge Chiasson
Pèse Pêche Inc.

From: Dupuis, Monique
Sent: Tuesday, February 12, 2019 10:53 AM
To: Dupuis, Monique
Subject: Annual DMP meeting location / Lieu de la réunion annuelle du PVQ

Un message français suivra....

Hello,

Please be advised that the location for the Annual DMP meeting being held on March 6, 2019 will be at the Holiday Inn Express Dieppe Airport <https://www.ihg.com/holidayinnexpress/hotels/us/en/dieppe/yqmdd/hoteldetail>. Can you please reply to this e-mail and advise if you will be present as well as how many from your organization will be participating to this meeting.

Bonjour,

Veuillez prendre note que la réunion du PVQ annuel qui aura lieu le 6 mars prochain sera au Holiday Inn Express Aéroport de Dieppe <https://www.ihg.com/holidayinnexpress/hotels/fr/fr/dieppe/yqmdd/hoteldetail>. Pouvez-vous me confirmer votre présence et aussi m'aviser combien de personne de votre organisation participera à cette réunion.

Thank you ! / Merci !

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Ricky Doyle <rickydoyle@seatracker.ca>
Sent: February 12, 2019 10:57 AM
To: Dupuis, Monique
Subject: Re: Annual DMP meeting location / Lieu de la réunion annuelle du PVQ

I will be there and it will be just me

On Tue, Feb 12, 2019, 10:53 AM Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Un message français suivra....

Hello,

Please be advised that the location for the Annual DMP meeting being held on March 6, 2019 will be at the Holiday Inn Express Dieppe Airport <https://www.ihg.com/holidayinnexpress/hotels/us/en/dieppe/yqmdd/hoteldetail> . Can you please reply to this e-mail and advise if you will be present as well as how many from your organization will be participating to this meeting.

Bonjour,

Veuillez prendre note que la réunion du PVQ annuel qui aura lieu le 6 mars prochain sera au Holiday Inn Express Aéroport de Dieppe <https://www.ihg.com/holidayinnexpress/hotels/fr/fr/dieppe/yqmdd/hoteldetail> . Pouvez-vous me confirmer votre présence et aussi m'aviser combien de personnes de votre organisation participera à cette réunion.

Thank you ! / Merci !

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: MacIsaac, Shane
Sent: February 12, 2019 10:06 AM
To: Dupuis, Monique; Gillespie, Glen; Cheverie, Anthony; Waddell, Lindsay; Dunphy, Marcus; Sheidow, Don; Dionne, Michelle R; Cheverie, Anthony
Cc: Jackson, Owen
Subject: RE: DMP Annual meeting

Hi Monique

You can add Owen Jackson (FO in Souris PE) as the attendee. You may also need to add myself in the event I accompany Owen to the meeting....My attendance is tentative at this point.

Shane

*Shane MacIsaac
Fishery Officer/Field Supervisor
30 MacPhee Ave, P.O. Box 448
Souris PE COA 2B0
Ph: 902-687-2019
Fax: 902-687-3590*

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: Tuesday, February 12, 2019 9:48 AM
To: MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Gillespie, Glen <Glen.Gillespie@dfo-mpo.gc.ca>; Cheverie, Anthony <Anthony.Cheverie@dfo-mpo.gc.ca>; Waddell, Lindsay <Lindsay.Waddell@dfo-mpo.gc.ca>; Dunphy, Marcus <Marcus.Dunphy@dfo-mpo.gc.ca>; Sheidow, Don <Don.Sheidow@dfo-mpo.gc.ca>; Dionne, Michelle R <Michelle.Dionne@dfo-mpo.gc.ca>; Cheverie, Anthony <Anthony.Cheverie@dfo-mpo.gc.ca>
Subject: RE: DMP Annual meeting

Bonjour,
Can you please advise me before the end of the day if anyone from PEI will be attending this meeting as I need to get the travel plan signed and approved?

Thank you and have a great day!
Monique

Monique Dupuis
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From: MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>
Sent: January 15, 2019 4:23 PM

To: Gillespie, Glen <Glen.Gillespie@dfo-mpo.gc.ca>; Cheverie, Anthony <Anthony.Cheverie@dfo-mpo.gc.ca>; Waddell, Lindsay <Lindsay.Waddell@dfo-mpo.gc.ca>; Dunphy, Marcus <Marcus.Dunphy@dfo-mpo.gc.ca>; Sheidow, Don <Don.Sheidow@dfo-mpo.gc.ca>; Dionne, Michelle R <Michelle.Dionne@dfo-mpo.gc.ca>; Cheverie, Anthony <Anthony.Cheverie@dfo-mpo.gc.ca>
Cc: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: FW: DMP Annual meeting

I recommend that someone else on PEI attend this DMP meeting in March and respond to Monique accordingly.
Tks

Shane

Shane MacIsaac
Fishery Officer/Field Supervisor
30 MacPhee Ave, P.O. Box 448
Souris PE COA 2B0
Ph: 902-687-2019
Fax: 902-687-3590

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: Monday, January 14, 2019 11:05 AM
To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Beauchamp, Sébastien <Sebastien.Beauchamp@dfo-mpo.gc.ca>
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Dupuis, Monique

From: Smith, Jennifer R (Gulf)
Sent: January 18, 2019 10:54 AM
To: Dupuis, Monique
Subject: RE: DMP Annual meeting

February 19th to 21st - Only available the 19th, it is the Herring industry meetings the 20th and 21st
March 6th (NB March Break) - Free
March 14th - Free
March 19th to 21st - Not available on the 20th, but all other days are good

Jennifer Smith

Quota Monitoring Officer/Agente du Suivi des Contingents

Strategic Services / Service Stratégiques

DFO-Gulf Region/MPO-Région du Golfe

Tel: (506) 851-7204

Fax: (506) 851-7809 or 1-855-897-3079

E-mail: Jennifer.smith@dfo-mpo.gc.ca



@DFO Gulf, @MPO Golfe

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: Friday, January 18, 2019 10:43 AM
To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>
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March 6th (NB March Break)

March 14th

March 19th to 21st

Merci!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection
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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Dupuis, Monique

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Monique

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From: Dupuis, Monique

Sent: January 14, 2019 11:05 AM

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Cc: Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>

Subject: DMP Annual meeting

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Bonne journée!

Monique

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Dupuis, Monique

From: Thomas, Tashina
Sent: January 18, 2019 10:51 AM
To: Dupuis, Monique
Subject: RE: DMP Annual meeting

Tuesdays and Thursday are better for me, but The only day I can't make it is March 14!

Tashina

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Sent: January-18-19 10:43 AM

To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>

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Dupuis, Monique

From: Lemay, Gaëlle
Sent: January 18, 2019 10:47 AM
To: Dupuis, Monique
Subject: RE: DMP Annual meeting

Hi Monique,

Would it not be easier to check everyone's outlook calendar to see if they are available?
I'm available for all dates identified below for now (a meeting is brewing in Ottawa but it's tentatively scheduled for February 27-28).

Gaëlle

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Sent: January-18-19 10:43 AM
To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>
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Merci!
Monique

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From: Dupuis, Monique

Sent: January 14, 2019 11:05 AM

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Dupuis, Monique

From: Thomas, Tashina
Sent: January 18, 2019 10:28 AM
To: Dupuis, Monique
Subject: RE: DMP Annual meeting

My training is from march 12-14 (I can still cancel and take the French version next month instead), but I know it's the groundfish advisory meeting on March 13-14 so this week may not be the best...

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Dupuis, Monique

From: Lemay, Gaëlle
Sent: January 18, 2019 10:25 AM
To: Dupuis, Monique
Subject: RE: DMP Annual meeting

Works for me!

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: January-18-19 10:19 AM
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Dupuis, Monique

From: McDermid, Jenni
Sent: January 18, 2019 10:23 AM
To: Dupuis, Monique
Subject: RE: DMP Annual meeting

I would not be available March 14 because of the Gulf Groundfish Advisory.

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: January 18, 2019 10:19 AM
To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>
Subject: RE: DMP Annual meeting

Bonjour,
Since many replied back advising they had other commitments on March 12th, would March 14th work better?

I am trying to keep it the week of March 11th as this is a week that there are no March Breaks in any of the Atlantic provinces.

Many thanks!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel régional – Coordonnatrice de programme d'observateur en mer et PVQ, Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Dupuis, Monique
Sent: January 14, 2019 11:05 AM
To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Beauchamp, Sébastien <Sebastien.Beauchamp@dfo-mpo.gc.ca>
Cc: Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>
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Bonne journée!

Monique

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Dupuis, Monique

From: Austin, Dave
Sent: January 18, 2019 10:22 AM
To: Dupuis, Monique
Cc: MacDonald, Craig; Chiasson, Philippe; Leblanc, Arthur
Subject: RE: DMP Annual meeting

March 14 works for me!, cheers, dave

From: Dupuis, Monique
Sent: Friday, January 18, 2019 10:19 AM
To: Lemay, Gaëlle; Smith, Jennifer R (Gulf); Thomas, Tashina; McDermid, Jenni; Gaudet, Mario; MacDonald, Craig; MacIsaac, Shane; Breault, Jonathan; Robichaud-Hache, Melanie; Comeau, Sandra J; Chiasson, Philippe; Austin, Dave
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Dupuis, Monique

From: Smith, Jennifer R (Gulf)
Sent: January 18, 2019 10:21 AM
To: Dupuis, Monique
Subject: RE: DMP Annual meeting

March 14th works for me but as soon as it can be confirmed I can block my calendar. This time of year is crazy for meeting and travel for me.

Jennifer Smith

Quota Monitoring Officer/Agente du Suivi des Contingents

Strategic Services / Service Stratégiques

DFO-Gulf Region/MPO-Région du Golfe

Tel: (506) 851-7204

Fax: (506) 851-7809 or 1-855-897-3079

E-mail: Jennifer.smith@dfo-mpo.gc.ca



@DFO_Gulf, @MPO_Golfe

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Sent: Friday, January 18, 2019 10:19 AM
To: Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>
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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Dupuis, Monique

Sent: January 14, 2019 11:05 AM

To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; Macisaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Beauchamp, Sébastien <Sebastien.Beauchamp@dfo-mpo.gc.ca>
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Monique

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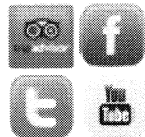
s.19(1)

Dupuis, Monique

From: Alyssa McConnell
Sent: January 18, 2019 10:16 AM
To: Dupuis, Monique
Subject: RE: Meeting room request

Bonjour Monique,

Thursday works as well – do you want me to change the date?



Alyssa McConnell

Director of Sales & Marketing

Holiday Inn Express & Suites Dieppe Airport
425 Adelard Savoie Blvd., Dieppe, N.B. E1A 7E6

Direct Line: (506) 388-7603
Mobile: [REDACTED]
Hotel: (506) 388-5050
Fax: (506) 388-5055
sales@hieairportdieppe.com



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*Terms apply

From: Dupuis, Monique [mailto:Monique.Dupuis@dfo-mpo.gc.ca]
Sent: Friday, January 18, 2019 9:13 AM
To: Alyssa McConnell
Subject: RE: Meeting room request

Bonjour Alyssa,
Would March 14th (Thursday) be available instead of March 12th?

Thanks!

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

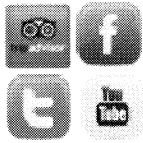
Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ, Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Alyssa McConnell <[REDACTED]>
Sent: January 8, 2019 11:28 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Meeting room request

Bonjour Monique,

Happy Tuesday! The space is set aside tentatively and I will await your confirmation of the space.

Have a great afternoon,



Alyssa McConnell

Director of Sales & Marketing

Holiday Inn Express & Suites Dieppe Airport

425 Adelard Savoie Blvd., Dieppe, N.B. E1A 7E6

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Mobile: [REDACTED]

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From: Dupuis, Monique [<mailto:Monique.Dupuis@dfo-mpo.gc.ca>]
Sent: Tuesday, January 8, 2019 8:33 AM
To: Alyssa McConnell <[REDACTED]>
Subject: RE: Meeting room request

Bonjour Alyssa,
 Can we tentatively book March 12th?

Thanks Alyssa!
 Monique

Monique Dupuis
 Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
 Fisheries and Oceans – Gulf Region/Government of Canada
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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Alyssa McConnell [redacted]
Sent: January 7, 2019 11:15 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Meeting room request

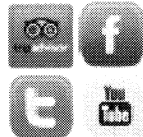
Wonderful – have a great afternoon.



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From: Dupuis, Monique [<mailto:Monique.Dupuis@dfo-mpo.gc.ca>]
Sent: Monday, January 7, 2019 11:12 AM
To: Alyssa McConnell [redacted]
Subject: RE: Meeting room request

Thanks for the quick reply Alyssa.

I need to get this approved. Once approved, I will let you know so we can tentatively hold the room.

Have a great day!
Monique

Monique Dupuis
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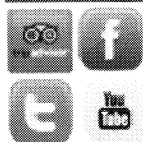
From: Alyssa McConnell [redacted]
Sent: January 7, 2019 10:38 AM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Subject: RE: Meeting room request

Hello Monique,

Hoping all is well with you today and that 2019 is off to a great start! I would have our larger meeting space available at the rate of \$200 per day with the AV equipment included. Let me know if you'd like for me to set the space aside tentatively, we would love to accommodate your group. Also, please let me know if there are guest rooms required or if everyone attending the meeting will be local.



Alyssa McConnell

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From: Dupuis, Monique [<mailto:Monique.Dupuis@dfo-mpo.gc.ca>]

Sent: Monday, January 7, 2019 10:27 AM

To: Alyssa McConnell [REDACTED]

Subject: Meeting room request

Bonjour Alyssa,

I am enquiring on meeting room request.

I would need room rental for 1 day (date is still TBD but I am aiming for February 27th or March 12th), that can accommodate up to 32 people. I also need AV equipment and teleconference capability.

Would you have anything that can accommodate us?

Thank you and have a great day!

Monique

Monique Dupuis

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Dupuis, Monique

From: MacIsaac, Shane
Sent: January 15, 2019 4:23 PM
To: Gillespie, Glen; Cheverie, Anthony; Waddell, Lindsay; Dunphy, Marcus; Sheidow, Don; Dionne, Michelle R; Cheverie, Anthony
Cc: Dupuis, Monique
Subject: FW: DMP Annual meeting

I recommend that someone else on PEI attend this DMP meeting in March and respond to Monique accordingly.
Tks

Shane

*Shane MacIsaac
Fishery Officer/Field Supervisor
30 MacPhee Ave, P.O. Box 448
Souris PE C0A 2B0
Ph: 902-687-2019
Fax: 902-687-3590*

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: Monday, January 14, 2019 11:05 AM
To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Beauchamp, Sébastien <Sebastien.Beauchamp@dfo-mpo.gc.ca>
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s.19(1)

Dupuis, Monique

From: Austin, Dave
Sent: January 15, 2019 12:13 PM
To: Dupuis, Monique
Cc: MacDonald, Craig; Leblanc, Arthur
Subject: FW: DMP Annual meeting

Hi Monique,

last years meeting, please add me to the invitation list for the March 12/19 meeting , thanking you in advance, cheers, dave

From: MacDonald, Craig
Sent: Monday, January 14, 2019 11:09 AM
To: Austin, Dave
Subject: FW: DMP Annual meeting

fyi

From: Dupuis, Monique
Sent: Monday, January 14, 2019 11:05 AM
To: Lemay, Gaëlle; Smith, Jennifer R (Gulf); Thomas, Tashina; McDermid, Jenni; Gaudet, Mario; MacDonald, Craig; MacIsaac, Shane; Breault, Jonathan; Beauchamp, Sébastien
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Dupuis, Monique

From: Chiasson, Philippe
Sent: January 14, 2019 8:28 PM
To: Dupuis, Monique
Subject: Fwd: DMP Annual meeting

Hi Monique,

As requested, I want to confirm my attendance for the above meeting.

Thanks,
Phil

Philippe Chiasson
Fishery Officer
Cheticamp NS
(902) 224-2017 off.
(902) 224-2579 fax
(902) [REDACTED] work cell

Sent from my iPhone

Begin forwarded message:

From: "Leblanc, Arthur" <Arthur.Leblanc@dfo-mpo.gc.ca>
Date: January 14, 2019 at 17:10:19 AST
To: "Chiasson, Philippe" <Philippe.Chiasson@dfo-mpo.gc.ca>
Cc: "Austin, Dave" <Dave.Austin@dfo-mpo.gc.ca>
Subject: Re: DMP Annual meeting

Yes - please confirm your attendance. The PM-05s usually attend... although I don't think we have budgets soft committed. Will aim to cover in this round of soft commitments if there is money to find.

Arthur

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Chiasson, Philippe
Sent: Monday, January 14, 2019 16:43
To: Leblanc, Arthur
Cc: Austin, Dave
Subject: Fwd: DMP Annual meeting

I Art,

This is the DMP meeting invitation I was telling you about.

There's not a whole lots of details but I assume I would the better part of one day if not the whole day.

This is something I'm interested to attend, can I confirm my attendance? If yes, who's paying for this?

s.16(2)(c)

Phil

Philippe Chiasson

Fishery Officer

Cheticamp NS

(902) 224-2017 off.

(902) 224-2579 fax

(902) [REDACTED] work cell

Sent from my iPhone

Begin forwarded message:

From: "Dupuis, Monique" <Monique.Dupuis@dfo-mpo.gc.ca>
Date: January 14, 2019 at 11:04:34 AST
To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>, "Smith, Jennifer R (Gulf)" <Jennifer.Smith@dfo-mpo.gc.ca>, "Thomas, Tashina" <Tashina.Thomas@dfo-mpo.gc.ca>, "McDermid, Jenni" <Jenni.McDermid@dfo-mpo.gc.ca>, "Gaudet, Mario" <Mario.Gaudet@dfo-mpo.gc.ca>, "MacDonald, Craig" <Craig.MacDonald@dfo-mpo.gc.ca>, "MacIsaac, Shane" <Shane.MacIsaac@dfo-mpo.gc.ca>, "Breault, Jonathan" <Jonathan.Breault@dfo-mpo.gc.ca>, Beauchamp, Sébastien <Sébastien.Beauchamp@dfo-mpo.gc.ca>
Cc: "Chiasson, Philippe" <Philippe.Chiasson@dfo-mpo.gc.ca>
Subject: DMP Annual meeting

Bonjour,

I am currently in the preliminary stage of planning the annual DMP meeting with Dockside Monitoring Companies. You are receiving this e-mail as you participated to the last DMP meeting held in December 2017.

The tentative date for the meeting will be March 12, 2019 at the Holiday Inn Express & Suites Dieppe Airport (same location as last meeting).

Can you confirm your attendance to this meeting? For attendance number purposes, can you advise me if you will extend this invitation to another member of your team?

If you wish to submit any agenda items for this meeting, please send directly them to me.

If I forgot to extend the invitation to someone, please do not hesitate to advise me.

Bonne journée!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et
PVQ , Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Smith, Jennifer R (Gulf)
Sent: January 14, 2019 5:52 PM
To: Dupuis, Monique
Subject: Re: DMP Annual meeting

It completely sure I know we have to be in Halifax on the 11th for a pre-meeting, and ALPAC is on the 12th, not sure if there is another half day on the 13th or not.

Jennifer Smith
Quota Monitoring Officer/Agente du Suivi des Contingents
Strategic Services / Service Stratégiques
DFO-Gulf Region/MPO-Région du Golfe
Tel: (506) 851-7204
Fax: (506) 851-7809 or 1-855-897-3079
E-mail: Jennifer.smith@dfo-mpo.gc.ca
Twitter email 5@DFO_Gulf, @MPO_Golfe

On Mon, Jan 14, 2019 at 5:50 PM -0400, "Dupuis, Monique" <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Hi Jennifer.

The date is not set in stone. I was trying to avoid March Breaks. Is your meeting 1 day only? Let me know your availability.

Thanks!

Sent from my iPhone

On Jan 14, 2019, at 3:19 PM, Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca> wrote:

Allo Monique, Jennifer est à Halifax cette journée-là. Donc ce sera seulement Mélanie et moi. ☺

From: Lemay, Gaëlle
Sent: January-14-19 11:16 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Cc: Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>
Subject: RE: DMP Annual meeting

Hi Monique,

I will be attending as the Statistics Manager. I may ask Melanie Robichaud-Haché (Statistics Coordinator) and Jennifer smith (Quota Monitoring Officer) to join me if they are available as they both communicate regularly with DMCs. We'll get back to you before the end of January with agenda items.

Thank you,

Gaëlle

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Sent: January-14-19 11:05 AM

To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Beauchamp, Sébastien <Sebastien.Beauchamp@dfo-mpo.gc.ca>

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: JC Bourque <jcbourque@jcbinterpretation.com>
Sent: January 14, 2019 4:30 PM
To: Dupuis, Monique
Subject: RE: Request for simultaneous translation services - meeting held on March 12, 2019 (TBD) / Demande pour traduction simultanée - réunion le 12 mars 2019 (date tentative)

Merci j'envverrai un devis demain matin

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: January 14, 2019 11:32 AM
To: jcbourque@jcbinterpretation.com
Subject: Request for simultaneous translation services - meeting held on March 12, 2019 (TBD) / Demande pour traduction simultanée - réunion le 12 mars 2019 (date tentative)

An English message will follow

Bonjour,

Une réunion se tiendra avec les entreprises de vérification à quai pour laquelle un service de traduction en simultané sera nécessaire. Si intéressé, prière de me fournir un devis avec les informations suivantes :

Date tentative : Le mercredi 12 mars 2019
Heure : 9 h à 15 h
Endroit : à confirmer – Moncton / Dieppe
Nombre de participants : 32
Allez-vous fournir les récepteurs ?
Acceptez-vous le paiement par MasterCard?

Je vous saurais gré de bien vouloir me fournir ces informations d'ici le 23 janvier 2019.

Veuillez communiquer avec moi si vous avez des questions.

Salutations,

Good Morning,

A meeting will be held with dockside monitoring companies for which simultaneous translation services will be required. If interested, please provide me a quote including the following information:

Tentative date: Wednesday, March 12, 2019
Time: 9 a.m. to 3 p.m.
Location: To be confirmed – Moncton/Dieppe
Number of participants: 32
Will you be providing the receivers?
Do you accept payment by MasterCard?

Please provide the requested information by January 23rd, 2019.

Do not hesitate to contact me should you require additional information.

Regards,

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada

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Dupuis, Monique

From: Lemay, Gaëlle
Sent: January 14, 2019 3:20 PM
To: Dupuis, Monique
Cc: Robichaud-Hache, Melanie
Subject: RE: DMP Annual meeting

Allo Monique, Jennifer est à Halifax cette journée-là. Donc ce sera seulement Mélanie et moi. ☺

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Cc: Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>
Subject: RE: DMP Annual meeting

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Thank you,

Gaëlle

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: January-14-19 11:05 AM
To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Beauchamp, Sébastien <Sebastien.Beauchamp@dfo-mpo.gc.ca>
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Dupuis, Monique

From: Smith, Jennifer R (Gulf)
Sent: January 14, 2019 1:55 PM
To: Dupuis, Monique
Subject: RE: DMP Annual meeting

Hi Monique!

Is this date set in stone? I wouldn't want to miss this meeting but I will be in Halifax for ALPAC that date and Pierre Mallet (who also always attends because he is the pelagic advisor will be with me as well) so he won't be able to attend either.

Thanks!

Jennifer Smith

Quota Monitoring Officer/Agente du Suivi des Contingents

Strategic Services / Service Stratégiques

DFO-Gulf Region/MPO-Région du Golfe

Tel: (506) 851-7204

Fax: (506) 851-7809 or 1-855-897-3079

E-mail: Jennifer.smith@dfo-mpo.gc.ca



[@DFO_Gulf](#), [@MPO_Golfe](#)

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: Monday, January 14, 2019 11:05 AM
To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Beauchamp, Sébastien <Sebastien.Beauchamp@dfo-mpo.gc.ca>
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Dupuis, Monique

From: Thomas, Tashina
Sent: January 14, 2019 11:37 AM
To: Dupuis, Monique
Subject: RE: DMP Annual meeting

I'm signed up for a course March 12-14, but I could change it if this date is good for everyone else. Keep me posted!

Tashina

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: January-14-19 11:05 AM
To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Beauchamp, Sébastien <Sebastien.Beauchamp@dfo-mpo.gc.ca>
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Dupuis, Monique

From: Comeau, Sandra J
Sent: January 14, 2019 11:19 AM
To: Dupuis, Monique
Subject: RE: DMP Annual meeting

Merci pour l'information. Je n'étais pas à la dernière rencontre en 2017, mais j'y ai assisté l'année précédente. Puisqu'on a quelques enjeux du point de vue des secteurs, j'aimerais d'y assister cette année si c'est OK avec toi. Si oui je vais vérifier avec Mario pour m'assurer qu'on n'est pas trop de gens de la gestion des ressources.

Sandra Comeau

*Resource Management / Gestion de la ressource
Telephone / Téléphone 506-395-7765*

From: Dupuis, Monique
Sent: January-14-19 11:06 AM
To: Comeau, Sandra J
Subject: FW: DMP Annual meeting

Tu n'étais pas sur la liste de participants à la dernière réunion, mais puisque tu mentionnes cette réunion dans un courriel précédent, je t'envoie l'information.

Merci !
Monique

Monique Dupuis
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Fisheries and Oceans – Gulf Region/Government of Canada
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Dupuis, Monique

From: JC Bourque <jcbourque@jcbinterpretation.com>
Sent: January 15, 2019 8:47 AM
To: Dupuis, Monique
Subject: devis du 12 mars 2019
Attachments: dfo moncton march 12 2019.pdf

JC Bourque

J.C.B. Interpretation Inc.

108 rue Pleasant St. Shediac N B E4P 2L6 TEL: (506) 857-9808 FAX: (506)532-2356
WWW.jcbinterpretation.com e-mail: info@jcbinterpretation.com

CONTRACT - CONTRAT SIMULTANEOUS INTERPRETATION SIMULTANÉE

Interpreter - Interprète
JC Bourque
108 pleasant St
Shediac NB E4P 2L6

Contact Person - Personne contacte
Monique Dupuis
MPO
Moncton NB

Subject / Objet: rencontre de la verification a quai

Location / Endroit: Moncton ou Dieppe

Dates and hours / Dates et heures: Le12 mars 2019 0900-1500

Interpreters / Interprètes: JC Bourque

Fees / Honoraires \$ 600.00 x 1 day(s) / jour(s) \$ 600.00

Expenses / Dépenses

Transportation / Transport: \$

Ground / Au sol: \$

Per diem: \$ x day(s) / jour(s) \$

Room paid for by client / Chambre payée par le client:

Administration: \$

Equipment / Équipement: \$ 200.00

\$ 200.00

SUB-TOTAL / SOUS TOTAL \$ 800.00

HST / TVH 873771505 \$ 120.00

TOTAL \$ 920.00

Interpretation shall be from English to French L'interprétation sera du à
and from French to English et de à

Please sign and return one copy / Prière de signer et retourner une copie

JC Bourque
Interpreter / Interprète

Client

Le 15 janvier 2019

Date

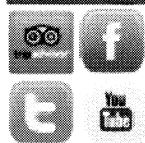
Date

Dupuis, Monique

From: Alyssa McConnell
Sent: January 28, 2019 9:59 AM
To: Dupuis, Monique
Subject: RE: Meeting room request

Good morning Monique,

Hoping all is well today and that you had a great weekend! I have changed the date to Wednesday, March 6th – let me know if you need anything else.



Alyssa McConnell
Director of Sales & Marketing

Holiday Inn Express & Suites Dieppe Airport
425 Adelard Savoie Blvd., Dieppe, N.B. E1A 7E6

Direct Line: (506) 388-7603
Mobile: [REDACTED]
Hotel : (506) 388-5050
Fax: (506) 388-5055
sales@hieairportdieppe.com

	 <div data-bbox="841 997 1209 1228"><p>Save at least 20%* with our Annual Sale</p><p>Book now through January 7, 2019, for stays through March 31, 2019.</p><p><small>*Terms apply.</small></p></div>
--	---

From: Dupuis, Monique [mailto:Monique.Dupuis@dfo-mpo.gc.ca]
Sent: Monday, January 28, 2019 9:05 AM
To: Alyssa McConnell [REDACTED]
Subject: RE: Meeting room request

Hi Alyssa,
Please make the change for March 6th instead of March 12th.

Thanks!
Monique

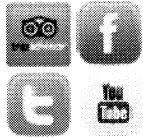
Monique Dupuis
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Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ, Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Alyssa McConnell
Sent: January 18, 2019 1:50 PM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Meeting room request

Yes, the 6th is available as well if you need it.



Alyssa McConnell
 Director of Sales & Marketing

Holiday Inn Express & Suites Dieppe Airport
 425 Adelard Savoie Blvd., Dieppe, N.B. E1A 7E6

Direct Line: (506) 388-7603
 Mobile: [REDACTED]
 Hotel : (506) 388-5050
 Fax: (506) 388-5055
sales@hieairportdieppe.com





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for stays through March 31, 2019.

*Terms apply.

From: Dupuis, Monique [<mailto:Monique.Dupuis@dfo-mpo.gc.ca>]
Sent: Friday, January 18, 2019 11:11 AM
To: Alyssa McConnell [REDACTED]
Subject: RE: Meeting room request

I am trying to accommodate everyone's schedule...

Is the room available on March 6th as well?

Monique

Monique Dupuis
 Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
 Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

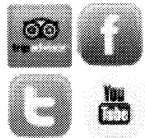
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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

s.19(1)

From: Alyssa McConnell <[REDACTED]>
Sent: January 18, 2019 10:16 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: Meeting room request

Bonjour Monique,

Thursday works as well – do you want me to change the date?



Alyssa McConnell
Director of Sales & Marketing

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From: Dupuis, Monique [<mailto:Monique.Dupuis@dfo-mpo.gc.ca>]
Sent: Friday, January 18, 2019 9:13 AM
To: Alyssa McConnell <[REDACTED]>
Subject: RE: Meeting room request

Bonjour Alyssa,
Would March 14th (Thursday) be available instead of March 12th?

Thanks!

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Alyssa McConnell <[REDACTED]>
Sent: January 8, 2019 11:28 AM

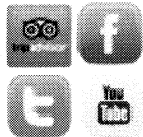
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Subject: RE: Meeting room request

Bonjour Monique,

Happy Tuesday! The space is set aside tentatively and I will await your confirmation of the space.

Have a great afternoon,



Alyssa McConnell

Director of Sales & Marketing

Holiday Inn Express & Suites Dieppe Airport
425 Adelard Savoie Blvd., Dieppe, N.B. E1A 7E6

Direct Line: (506) 388-7603

Mobile: [REDACTED]

Hotel : (506) 388-5050

Fax: (506) 388-5055

sales@hieairportdieppe.com



From: Dupuis, Monique [<mailto:Monique.Dupuis@dfo-mpo.gc.ca>]

Sent: Tuesday, January 8, 2019 8:33 AM

To: Alyssa McConnell <[REDACTED]>

Subject: RE: Meeting room request

Bonjour Alyssa,

Can we tentatively book March 12th?

Thanks Alyssa!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

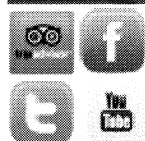
From: Alyssa McConnell [REDACTED]

Sent: January 7, 2019 11:15 AM

To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Subject: RE: Meeting room request

Wonderful – have a great afternoon.



Alyssa McConnell

Director of Sales & Marketing

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From: Dupuis, Monique [mailto:Monique.Dupuis@dfo-mpo.gc.ca]

Sent: Monday, January 7, 2019 11:12 AM

To: Alyssa McConnell [REDACTED]

Subject: RE: Meeting room request

Thanks for the quick reply Alyssa.

I need to get this approved. Once approved, I will let you know so we can tentatively hold the room.

Have a great day!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Alyssa McConnell [REDACTED]

Sent: January 7, 2019 10:38 AM

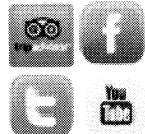
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>

Subject: RE: Meeting room request

Hello Monique,

s.19(1)

Hoping all is well with you today and that 2019 is off to a great start! I would have our larger meeting space available at the rate of \$200 per day with the AV equipment included. Let me know if you'd like for me to set the space aside tentatively, we would love to accommodate your group. Also, please let me know if there are guest rooms required or if everyone attending the meeting will be local.



Alyssa McConnell

Director of Sales & Marketing

Holiday Inn Express & Suites Dieppe Airport

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From: Dupuis, Monique [<mailto:Monique.Dupuis@dfo-mpo.gc.ca>]

Sent: Monday, January 7, 2019 10:27 AM

To: Alyssa McConnell [REDACTED]

Subject: Meeting room request

Bonjour Alyssa,

I am enquiring on meeting room request.

I would need room rental for 1 day (date is still TBD but I am aiming for February 27th or March 12th), that can accommodate up to 32 people. I also need AV equipment and teleconference capability.

Would you have anything that can accommodate us?

Thank you and have a great day!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: JC Bourque <jcbourque@jcbinterpretation.com>
Sent: January 29, 2019 10:43 AM
To: Dupuis, Monique
Subject: devis du 6 mars 2019

Bonjour; Juste un suivi pour savoir si tu as bien reçu mon nouveau
Devis pour changer la date? Merci

JC Bourque

Dupuis, Monique

From: Serge Chiasson- Pèse pêche <pese@nb.aibn.com>
Sent: January 30, 2019 9:38 AM
To: Dupuis, Monique
Subject: Re: Annual DMP Meeting / Réunion annuelle du PVQ

Categories: Yellow Category

Bonjour Monique

Moi mon sujet est le maquereau que la vérification ce fait à 25% et beaucoup de bateaux n'appellent pas et il en n'a qui change de territoire pendant la saison de pêche. Il a des pêcheurs vendent leurs prises en pleine mer.

Merci
Serge Chiasson

Pèse Pêche Inc.

From: Dupuis, Monique
Sent: Tuesday, January 29, 2019 11:55 AM
To: Dupuis, Monique
Subject: Annual DMP Meeting / Réunion annuelle du PVQ

Un message français suivra....

Hello,
I am in the preliminary stage of organizing the Annual DMP meeting in Moncton/Dieppe, NB area (location is still to be determined). The meeting is scheduled for March 6, 2019. Formal communication and invitation will be sent once everything is finalized.

Should you have any items for discussion, please send them to my attention by the end of day Friday, February 8, 2019

Regards,

Bonjour,
Je suis dans la planification préliminaire à l'organisation de la réunion annuelle du PVQ qui se tiendra à Moncton/Dieppe, N.-B. (le lieu est encore à déterminer) le 6 mars 2019. Une fois la planification terminée, je vous enverrai l'invitation formelle.

Prière de m'envoyer vos points de discussion d'ici la fin de la journée le vendredi 8 février 2019.

Bien à vous ;

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: jcbourque@jcbinterpretation.com
Sent: January 31, 2019 8:28 AM
To: Dupuis, Monique
Subject: Re: mpo-le 6 mars 2019

Merci tu peux le signer et le retourner ou encore en me confirmant par écrit comme ça. Cela va. Pourvu que je sache l'endroit

Sent from my iPhone

On Jan 31, 2019, at 8:21 AM, Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Bon matin Jean-Claude,
Je pense que ça va être au Holiday Inn Express près de l'aéroport de Dieppe. Par contre, je n'ai toujours pas eu le contrat. Dès celui-ci signé, je vais t'aviser. D'ailleurs, pour confirmer vos services, est-ce que j'ai besoin de signer le brevet et vous le retourner ?

Bonne journée !
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: JC Bourque <jcbourque@jcbinterpretation.com>
Sent: January 30, 2019 3:56 PM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: mpo-le 6 mars 2019

Je l'ai inscrit mais je n'ai toujours pas d'endroit de rencontre. merci

JC Bourque

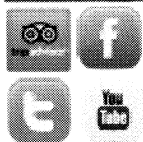
Dupuis, Monique

From: Alyssa McConnell [REDACTED]
Sent: January 31, 2019 10:44 AM
To: Dupuis, Monique
Subject: RE: Contract for March 6, 2019
Attachments: Fisheries & Oceans Booking Form.pdf

Bonjour Monique,

Hoping all is well! You can find attached your meeting room contract for March 6th – if you could please send me a signed copy to confirm the details that would be great.

Thank you for choosing us.



Alyssa McConnell
Director of Sales & Marketing

Holiday Inn Express & Suites Dieppe Airport
425 Adelard Savoie Blvd., Dieppe, N.B. E1A 7E6

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From: Dupuis, Monique [mailto:Monique.Dupuis@dfo-mpo.gc.ca]
Sent: Thursday, January 31, 2019 9:35 AM
To: Alyssa McConnell [REDACTED]
Subject: Contract for March 6, 2019

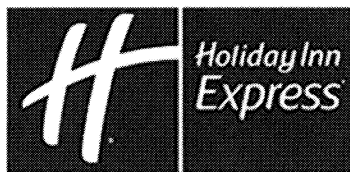
Bonjour Alyssa,
Could you please send me the contract for the meeting room space for March 6, 2019?

Thank you and have a great day!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

MEETING ROOM CONTRACT



DIEPPE AIRPORT

Date: January 31st, 2019

Taken By: Alyssa McConnell

☐ CANCELLED By: _____

CONFERENCE ROOM

Fundy

- ☒ Meeting ☐ Training ☐ Reception
☐ Seminar ☐ Meal(s) ☐ Interviews
☐ Other: _____

Name of Group: Fisheries & Oceans

Date of Function: Wednesday, March 6th - 2019

Contact Person(s): Monique Dupuis

Phone: (506) 851-6214

Address: _____

Fax: _____

E-mail: Monique.Dupuis@dfo-mpo.gc.ca

Number of People: 32 people

Time of Function: 8:00AM - 5:00PM

SET-UP

- ☐ Boardroom ☐ Theater ☒ Classroom
☐ Hollow Square ☐ U-Shape ☐ Other: _____

EQUIPMENT:

- ☐ TV ☐ Projector ☐ Screen ☐ Flipchart ☐ Other: _____

AM Break: 8:00AM - Pitchers of water.

Lunch: 12:00PM - Refresh pitchers of water.

PM Break: N/A

Comments: N/A

DAILY CHARGES:

Room:	\$ 200.00
Equipment:	\$ 0.00
Beverages:	\$ 0.00
Food:	\$ 0.00
Other:	\$ 0.00
Sub-Total	\$ 200.00
15% Grat.	\$ 30.00
15% HST	\$ 34.50
Total Charges:	\$ 264.50

- ☐ Cash ☐ Credit Card* ☐ Direct Billing (Form Attached)
☐ Check ☐ Debit

*Credit Card #: _____

Deposit (attach receipt) _____ Exp.: _____

Signature: _____

s.19(1)

Per: _____

Alyssa McConnell
Sales & Marketing Manager

Date: 01/31/2019

Until a signed copy of the contract is returned to the hotel, all space will be held on a tentative basis only. Please sign and return to fax: (506) 388-5055
For customers requesting a direct billing, a direct billing form must be sent to the Hotel seven (7) days before the event. For customers not requesting direct billing, please see above.

Thank you for selecting the Holiday Inn Express Hotel & Suites Airport Dieppe for your function. We appreciate your business!

000901

s.19(1)

Dupuis, Monique

From: jcbourque@jcbinterpretation.com
Sent: February 4, 2019 11:58 AM
To: Dupuis, Monique
Subject: Re: reunion du 6 mars 2019

Apprécié. Merci à bientôt

Sent from [REDACTED]

On Feb 4, 2019, at 11:53 AM, Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca> wrote:

Bonjour Jean-Claude,
Approx. 35 personnes si je me fie aux procès-verbaux des années passés. Dès que je reçois un nombre définitif, je vais te le faire part.

Bonne journée !
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ ,
Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: JC Bourque <jcbourque@jcbinterpretation.com>
Sent: February 4, 2019 10:57 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: reunion du 6 mars 2019

Combien de personnes seront presents a cette reunion? merci

JC Bourque

Dupuis, Monique

From: Mallet, Pierre
Sent: February 11, 2019 8:33 AM
To: Elmer Wade
Cc: Dupuis, Monique
Subject: RE: FW: Reminder: Call for agenda items Annual DMP Meeting / Rappel : Appel à l'ordre du jour réunion annuelle du PVQ

Ypu super merci

From: Elmer Wade <elmerwade16@gmail.com>
Sent: February-11-19 8:31 AM
To: Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>
Subject: Re: FW: Reminder: Call for agenda items Annual DMP Meeting / Rappel : Appel à l'ordre du jour réunion annuelle du PVQ

Ok.
10 minutes

On Mon, Feb 11, 2019, 08:24 Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca> wrote:

Allo Elmer, serais tu disponible pour faire une présentation sur E-DMP?

Merci

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: February-08-19 3:45 PM
To: Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>; Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>; Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; Belliveau, Ron <Ron.Belliveau@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Albert, Gabriel M <Gabriel.Albert@dfo-mpo.gc.ca>; Fillion, Diana <Diana.Fillion@dfo-mpo.gc.ca>; Dwyer, Alan <Alan.Dwyer@dfo-mpo.gc.ca>; Moore, Benjamin <Benjamin.Moore@dfo-mpo.gc.ca>
Subject: Reminder: Call for agenda items Annual DMP Meeting / Rappel : Appel à l'ordre du jour réunion annuelle du PVQ

Bonjour,

This is a gentle reminder that agenda items are now due if you haven't submitted them yet.

Un simple rappel amical de m'envoyer vos points à l'ordre du jour pour cette réunion si ce n'est pas déjà fait.

Have a great weekend !

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Dupuis, Monique

Sent: January 29, 2019 1:52 PM

To: Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>; Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>; Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; Belliveau, Ron <Ron.Belliveau@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>

Cc: Hachey, Carole M <Carole.Hachey@dfo-mpo.gc.ca>

Subject: Call for agenda items Annual DMP Meeting / Appel à l'ordre du jour réunion annuelle du PVQ

Hello,

This is a call for agenda items for the Annual DMP meeting that is scheduled for March 6, 2019. Should you have any agenda items that you would like to discuss at the meeting, please send them to my attention before COB Friday, February 8, 2019.

Bonjour,

Ceci est un appel à l'ordre du jour pour la réunion annuelle du PVQ qui est cédulé le 6 mars 2019. Veuillez S.-V.-P. me transmettre vos points à l'ordre du jour pour discussion d'ici la fin de la journée le vendredi 8 février 2019.

Thank you / Merci !

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Gaudet, Mario
Sent: February 11, 2019 9:03 AM
To: Dupuis, Monique
Cc: Albert, Gabriel M; Comeau, Sandra J
Subject: Re: Réunion DMP le 6 mars

Bonjour Monique,

Je ne serai pas present. Pierre Mallet s'occupe maintenant des pelagiques.

Mario

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Dupuis, Monique
Sent: lundi 11 février 2019 09:00
To: Comeau, Sandra J; Gaudet, Mario
Cc: Albert, Gabriel M
Subject: Réunion DMP le 6 mars

Bon lundi matin! ☺

J'aimerais savoir si vous planifier être présent ou non à la réunion DMP du 6 mars prochain. Je dois faire le Group Travel Plan et j'aimerais savoir si je dois vous inclure ou non. Si je vous inclus, est-ce que vous allez conduire ensemble ? Gabriel Albert y sera aussi. Est-ce que vous allez tous conduire ensemble ?

Merci et bonne journée !
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Austin, Dave
Sent: February 11, 2019 10:16 AM
To: Dupuis, Monique
Subject: RE: DMP annual meeting on March 6th

Hi Monique,

I will be attending this DMP meeting person and will be travelling with Phil C from Cheticamp, we'll be staying the night of March 6, returning to GNS on March 7,

cheers,

dave

From: Dupuis, Monique
Sent: Thursday, February 07, 2019 11:01 AM
To: Austin, Dave; Comeau, Sandra J; Chiasson, Philippe; Gaudet, Mario; Breault, Jonathan; Moore, Benjamin; Dwyer, Alan; Fillion, Diana
Subject: DMP annual meeting on March 6th

Bonjour,

In order to complete the Event plan for the meeting, I would like to know if you will be travelling to attend this meeting or if you will be attending via teleconference. If you will be travelling, can you please advise me of your travel details? The meeting is scheduled to start at 9am and end between 3-4pm.

Thank you for your cooperation and have a great day!

Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Dupuis, Monique

From: Island Weigh 95, Inc. <Islandweigh@hotmail.com>
Sent: February 12, 2019 5:12 PM
To: Dupuis, Monique
Subject: Re: Annual DMP meeting location / Lieu de la réunion annuelle du PVQ

Hi Monique,

IW95 will be present with 2-3 in attendance, I will let you know if any changes. Thanks.

*Tammy
President
Island Weigh 95, Inc.*

This E-mail message (including attachments, if any) is intended for the use of the individual(s) to which it is addressed. If you have received this communication in error, please notify the sender and erase this E-mail message immediately.

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: February 12, 2019 9:53 AM
To: Dupuis, Monique
Subject: Annual DMP meeting location / Lieu de la réunion annuelle du PVQ

Un message français suivra....

Hello,
Please be advised that the location for the Annual DMP meeting being held on March 6, 2019 will be at the Holiday Inn Express Dieppe Airport <https://www.ihg.com/holidayinnexpress/hotels/us/en/dieppe/yqmdd/hoteldetail> . Can you please reply to this e-mail and advise if you will be present as well as how many from your organization will be participating to this meeting.

Bonjour,
Veuillez prendre note que la réunion du PVQ annuel qui aura lieu le 6 mars prochain sera au Holiday Inn Express Aéroport de Dieppe <https://www.ihg.com/holidayinnexpress/hotels/fr/fr/dieppe/yqmdd/hoteldetail> . Pouvez-vous me confirmer votre présence et aussi m'aviser combien de personne de votre organisation participera à cette réunion.

Thank you ! / Merci !

Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Chiasson, Philippe
Sent: February 19, 2019 10:08 AM
To: Leblanc, Arthur; Austin, Dave; Dupuis, Monique
Cc: Green, Michelle
Subject: RE: Travel request to DMP meeting
Attachments: FW: For approval / signature - Group travel plan for DMP meeting in March

Hi Monique/Dave,

This trip is paid by the GNS RC, that's why a travel plane for Dave and I only was submitted. It has been approved and signed (see attached).

Phil

From: Leblanc, Arthur
Sent: February-19-19 9:49 AM
To: Austin, Dave; Dupuis, Monique
Cc: Chiasson, Philippe; Green, Michelle
Subject: RE: Travel request to DMP meeting

Monique / Dave

Phil has already received a signed copy of the travel plan. I approved his travel request last week and it had a signed copy?

Not sure where the mix-up is.

Michelle – would you have a copy?

Arthur

From: Austin, Dave
Sent: February-19-19 9:43 AM
To: Dupuis, Monique
Cc: Chiasson, Philippe; Leblanc, Arthur
Subject: Re: Travel request to DMP meeting

10-4, thank-you Monique, cheers, dave

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Dupuis, Monique
Sent: Tuesday, February 19, 2019 8:06 AM
To: Austin, Dave
Cc: Chiasson, Philippe
Subject: RE: Travel request to DMP meeting

Bonjour Dave,

The Travel plan is not yet signed but it should be by the end of the week. As soon as it is, I will forward it to you.

Sorry about the delay,

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>
Sent: February 19, 2019 6:23 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Cc: Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>
Subject: FW: Travel request to DMP meeting

Good Morning Monique,
as per below re Travel Plan for the DMP meeting .would you forward it to me please,
Hi Phil, if you have a copy of the travel plan for this DMP meeting , March 6 ..would you send it to me please,
thanks,
dave

From: Austin, Dave
Sent: Tuesday, February 19, 2019 6:19 AM
To: Leblanc, Arthur
Subject: RE: Travel request to DMP meeting

10-4 Arthur, will do,
cheers,
dave

From: Leblanc, Arthur
Sent: Monday, February 18, 2019 2:33 PM
To: Austin, Dave
Subject: Travel request to DMP meeting

Hi Dave

I received and reviewed your travel request to go the the DMP meeting but it doesn't appear to have the travel plan attached.

Expenses - Main Menu
Approvals
Reports
Personal Settings

tatement - 31/10/2017
tatement - 31/12/2017
tatement - 31/01/2018
tatement - 31/03/2018
tatement - 30/04/2018
tatement - 31/10/2018
tatement - 31/12/2018
tatement - 31/01/2019
tatement - 28/02/2019

Expense Report

earch

lonth - Feb 2015
lonth - Nov 2015
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lonth - Oct 2016
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lonth - Dec 2016
lonth - Jan 2017

Transaction Approval

Statement & transactions requiring approval
David Austin - 01/02/2019 to 28/02/2019

Expand All Collapse All

Travel Request

Information Required
Information Provided
Approval Required (1)

S32 Approval

11/02/2019 Travel Request - DMP meeting 6 March 2019
DMP meeting 6 March 2019, travelling with Phil, heading to NB on 6/

Declined

Approved (1)

All I see is when I click on images is an e-mail invite from Monique Dupuis.
Can you please recall, attach travel plan, and re-submit.

Thanks

Arthur LeBlanc

Acting Chief,	
Chef, Intérimaire	
Conservation & Protection	Conservation et Protection
Gulf Nova Scotia	Nouvelle-Ecosse -Golfe
Gulf Region	Région du Golfe
Fisheries and Oceans Canada	Pêches et Océans Canada

Telephone/ Téléphone: (902) 224-4213
Cellular / Cellulaire : (902) (b) (937) (Voice Mail)
Facsimile / Télécopieur : (902) 224-2579
Email / Courriel Arthur.Leblanc@dfo-mpo.gc.ca

Dupuis, Monique

From: Taylor, Nancy A
Sent: January 22, 2019 11:49 AM
To: Austin, Dave; Chiasson, Philippe; Leblanc, Arthur
Subject: FW: For approval / signature - Group travel plan for DMP meeting in March
Attachments: Scanned from a Xerox multifunction device.pdf

FYI

Nancy A. Taylor

Area Conservation & Protection Clerk – Gulf Nova Scotia
Fisheries and Oceans Canada / Government of Canada
Nancy.Taylor@dfo-mpo.gc.ca / Tel: 902 735-7112 / Fax: 902 863-5818

Commis, Conservation et Protection – Golfe Nouvelle-Écosse
Pêches et Océans Canada / Gouvernement du Canada
Nancy.Taylor@dfo-mpo.gc.ca / Tél. : 902 735-7112 / Téléc. : 902 863-5818

From: Légère-Melanson, Lisa
Sent: January 22, 2019 10:55 AM
To: Taylor, Nancy A
Subject: RE: For approval / signature - Group travel plan for DMP meeting in March

Hi Nancy,

Attached is the RDG-signed travel plan.

Lisa Légère-Melanson

Administrative Officer / Agente administrative
Conservation and Protection / Conservation et protection
Director's Office / Bureau du directeur
Salle 322
343 Université Avenue
Moncton, NB E1C 5K4
Telephone / Téléphone 506-851-7825
Facsimile / Télécopieur 506-851-7732
lisa.legere-melanson@dfo-mpo.gc.ca

From: Taylor, Nancy A
Sent: January-17-19 2:45 PM
To: Légère-Melanson, Lisa
Cc: Austin, Dave; Chiasson, Philippe; Leblanc, Arthur
Subject: For approval / signature - Group travel plan for DMP meeting in March

For approval.

The date indicated is tentative and may change, no details have been provided as yet.

It should be noted that due to distance of Cheticamp there may be a need to use a separate vehicle.

Nancy A. Taylor

Area Conservation & Protection Clerk – Gulf Nova Scotia
Fisheries and Oceans Canada / Government of Canada
Nancy.Taylor@dfo-mpo.gc.ca / Tel: 902 735-7112 / Fax: 902 863-5818

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Nancy.Taylor@dfo-mpo.gc.ca / Tél. : 902 735-7112 / Téléc. : 902 863-5818

Crew and Group Travel Plan

Date of Crew Change or Group Travel:	March 12-13, 2019
Plan number (optional):	
Information	
Vessel Name or Group Name (if applicable):	CMR meeting
Region/Province/Territory/Department/Province:	Gulf/FAAM/Conservation & Protection
Top Purpose:	03 - Internal governance
01 - Core mandate	
02 - Key stakeholder engagement	
03 - Internal governance	
04 - Training	
05 - Other	
The objectives and justification for the plan are provided in a detailed explanation.	
Actual activity meeting	
Justification for the number of travellers: (per area detachment required)	

Plan is not approved until signed by a Senior Departmental Manager (that is a manager who reports directly to the Deputy Minister or the Commissioner, Canadian Coast Guard).

Endorsement

Travel that is required in support of the direct delivery of the core mandate of the Department of Fisheries and Oceans and/or the Canadian Coast Guard or legislative or legal requirements

Travel that is necessary to engage key stakeholders in relation to policy, program or regulatory development or renewal or other matters that support the Department of Fisheries and Oceans and Canadian Coast Guard's ongoing working relationship or operations with such communities

Travel that is necessary to support sound internal governance of the Department of Fisheries and Oceans and/or the Canadian Coast Guard including management meetings and Departmental Audit Committee meetings, or that is necessary for the recruitment or hiring of employees

Travel to enable the training of employees to meet the assigned duties of their positions.

Other travel - please provide detailed explanation

Amended	Traveller name	Origin / Destination(s) of Travel	Public Servant?	Cost Information (Exclude Taxes)										Event Information			
				Air	Rail	Rental Motor Vehicle	Personal Motor Vehicle	Taxi	Other Transport	Accommodation	Meals	Incidentals	Other	Total Trip Amount	Is the trip part of an Event?	Event number (optional)	
	1	PHILIPPE CHASSON				GV	GV			8.00	150.00	150.95	34.00	20.00	372.95	No	
	2	DAVE AUSTIN				GV	GV			8.00	150.00	150.95	34.00	20.00	372.95	No	
	3															No	
	4															No	
	5															No	
	6															No	
	7															No	
	8															No	
	9																
	10																
	11																
	12																
											\$14.00	\$70.00	\$113.90	\$29.30	\$40.00	\$746.35	

Expenditure initiation approved by (Print): SE Date: JAN 22 2019

Signature: _____ Date: 2019/01/18

Recommended by: Denise Vautour Date: 2019/01/18

Recommended by: Frank Quinn, RD Farm Date: 2019/01/18

Dupuis, Monique

From: Austin, Dave
Sent: February 19, 2019 10:19 AM
To: Chiasson, Philippe; Leblanc, Arthur; Dupuis, Monique
Cc: Green, Michelle
Subject: Dave's TP& TR for DMP meeting, re: Travel request to DMP meeting

Very good, thank-you I have a copy and will submit correctly upon my return tomorrow, thanks to all for replying, cheers, dave

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Chiasson, Philippe
Sent: Tuesday, February 19, 2019 10:08 AM
To: Leblanc, Arthur; Austin, Dave; Dupuis, Monique
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Subject: RE: Travel request to DMP meeting

Hi Monique/Dave,

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From: Leblanc, Arthur
Sent: February-19-19 9:49 AM
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Monique Dupuis
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Sent: February 19, 2019 6:23 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
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Statement & transactions requiring approval
David Austin - 01/02/2019 to 28/02/2019

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Travel Request

Information Required
Information Provided
Approval Required (1)

S32 Approval

11/02/2019 Travel Request - DMP meeting 6 March 2019
DMP meeting 6 March 2019, travelling with Phil, heading to NB on 6/

Declined

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All I see is when I click on images is an e-mail invite from Monique Dupuis.
Can you please recall, attach travel plan, and re-submit.

Thanks

Arthur LeBlanc

Acting Chief,	
Chef, Intérimaire	
Conservation & Protection	Conservation et Protection
Gulf Nova Scotia	Nouvelle-Ecosse -Golfe
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Facsimile / Télécopieur : (902) 224-2579
Email / Courriel Arthur.Leblanc@dfo-mpo.gc.ca

s.16(2)(c)

Dupuis, Monique

From: JC Bourque <jcbourque@jcbinterpretation.com>
Sent: February 19, 2019 10:24 AM
To: Dupuis, Monique
Subject: FW:
Attachments: IMG_0043.jpg; Untitled attachment 00011.txt

Voici la signatureb telle que demande

-----Original Message-----

From: Ginette Bourque [REDACTED]
Sent: February 19, 2019 10:20 AM
To: Jc <jcbourque@jcbinterpretation.com>
Subject:

PURCHASE ORDER
(Continuation sheet)

COMMANDE D'ACHAT
(suite)

P.O. No. - N° de commande	F4702-180006
Amend. No. - N° de modif.	0

The following documents form part of this Purchase Order. The supplier recognizes and agrees to all terms and conditions set out in this request, including:

Les documents ci-joints font partie intégrale de cette commande d'achat. Le Fournisseur convient et accepte tous les termes et conditions tels que décrits dans cette demande, incluant:

Continued/ suite...

Conditions Generales (Services professionnels)
Modalite de paiement

FOR THE SUPPLIER - POUR LE FOURNISSEUR		
Signature <i>J. C. Bourque</i>	Witness - Témoin <i>J. Bourque</i>	Date <i>Feb. 19 2019</i>
Print or type - Imprimer ou dactylographier <i>J. C. Bourque</i>	Position title - Titre du poste <i>Président</i>	
Signature	Witness - Témoin	Date
Print or type - Imprimer ou dactylographier	Position title - Titre du poste	
APPROVED FOR THE MINISTER - APPROUVÉ POUR LE MINISTRE		
Signature	Position title - Titre du poste	Date
Print or type - Imprimer ou dactylographier		

Dupuis, Monique

From: Prescille Desveaux <pdesveaux@aim.com>
Sent: February 19, 2019 11:42 AM
To: Dupuis, Monique
Subject: Re: Annual DMP meeting location / Lieu de la réunion annuelle du PVQ

Hi Monique

Cheticamp Monitoring Association will be attending this meeting. Myself and Samm Lucas will be there.

Prescille Desveaux, General Manager
Cheticamp Monitoring Association
P.O. Box 960
Cheticamp, NS B0E 1H0
Tel: 902-224-1100
Fax: 902-224-1086

-----Original Message-----

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: Tue, Feb 12, 2019 10:53 am
Subject: Annual DMP meeting location / Lieu de la réunion annuelle du PVQ

Un message français suivra....

Hello,
Please be advised that the location for the Annual DMP meeting being held on March 6, 2019 will be at the Holiday Inn Express Dieppe Airport <https://www.ihg.com/holidayinnexpress/hotels/us/en/dieppe/yqmdd/hoteldetail> . Can you please reply to this e-mail and advise if you will be present as well as how many from your organization will be participating to this meeting.

Bonjour,
Veuillez prendre note que la réunion du PVQ annuel qui aura lieu le 6 mars prochain sera au Holiday Inn Express Aéroport de Dieppe <https://www.ihg.com/holidayinnexpress/hotels/fr/fr/dieppe/yqmdd/hoteldetail> . Pouvez-vous me confirmer votre présence et aussi m'aviser combien de personne de votre organisation participera à cette réunion.

Thank you ! / Merci !

Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

s.20(1)(b)

s.20(1)(c)

Date 7 January 2019.

Can start of day.

Things worked on today:

- Annex A of Regional Annex - Approved by Ron. Circulated to Chiefs for input by COB - 2019/01/10
- Plot watcher camera project (road tracking sheet)
- DND meeting.

Hol. Inn Met - [redacted] screen rental

Dieppe - [redacted] incl. AV equipment

Hampton Inn - [redacted]

Quality Inn Dieppe - [redacted]

Jainfield - can't accommodate 30 ppl.

- Caumiel de AAFC - my key?

- Transit Plan next week

- At Sea Observer - meeting
w/ Marcel + Tobie Surette

- DND meeting

Date 29 Janvier

Sam Schedule lobster DMP Meeting Discussion

29 Jan - 3-4pm - Sea Tracker - RM Boardroom

30 Jan - 2:30-3:30 - Atlantic Catch Data - C-P Ops Room

4 Feb - 11-12p - Cheticamp Monitoring - C-P Ops Room
- Island Weigh -

10:52a Alex - NFIS.

Mitigation Plan ->
Very detailsNVSDMP
NVS ASOPSummary
Reg Recommendations - I can disagree.
Rating (on Summary Page).Low
Few - Major Med.

Sea Tracker.

Date

[REDACTED]

Lonnie MacNeil - consultant for Feasibility Study
to move to DMP ~~on~~ lobster. Was presented to lobster
members. In Dec.

[REDACTED]

DFO paying for cost this year.

Ricky.

[REDACTED]

Advisory Meeting - don't want it.
Fishers don't want it.

Page

Date

100% for it. It's needed.

Pay people more, guarantee longer terms of employees.

No ones finding people.

Pending funding - Deadline for hiring?
Paperwork involved?

Voluntary e log - PEI is very interested in this.
requesting sales in e log.

Involved in e log w/ PEI - consultant.

Thinking B2G.

fully support. especially for 100%.

Need to be able to enter in real time otherwise too cumbersome.

IT background.

15 / day, 5 next day (small parts).

Sea Tracker looking for art. funding as well.

Boats - feasible to do more than 10 trips.

Island Weigh - Getting opportunity as well.

YJW & ST vont tu en mêmes greci?

* Report - DNP companies.

Page

Date

Grosse traduction - PWGSC. Comité consultatif.
avec 100+ personnes.

Avacus Vendor Acet. - les 3 que j'ai sont des approved vendors.

RM: v

Ronald - Yotande - favori.

Valin

JC Bourque

ID required - dans Avacus

Scanner contrat + envoyé (à MAR) en JC signer

dans Avacus

code on invoice matched to a PO.

Page

Date

11:30- OMP Discussion. - Josiane, Sandra.
Oentré données - 1^{ère} année.

Qui ont net l'estimée?

→ Commentaires du weigh ont form (estimée).
O logbook.

Elog - read only?

Elog - ferme sa pêche
traites ferme sauf le sa les.

inclure estime dans les commentaires.

Qui va ^{Reviser?} évaluée? Estimé + Pesé actuelle.

RM - Casual / Etudiants -

but donnée plus réelle.

Ukon + fletans plus gros. Export to Excel.
Sortir rapports -

Ajouter quelque chose condition de permits.
Si un OMP arrive - faut tu donner.

Must show you estimates + allow OMP take record of your landing.
faut leur dire quelle port aller.

Ben pourrait aider.

Page

Date

2:30 Meeting w/ ACD. Alan / Greg / Albert / Josiane / M.
Honnie MacNeil. (Consultant)

10 trips / day. Spring & Fall.

Q- Size of the ^{Region} ~~Area~~ they cover
Based on what?

Wallace to - Pictou, Tony river, Carbon.

Pugwash - don't have anyone. Not a lot of clients here.
Cheticamp - Cape Breton.

Valentine's Cove - they move people.

Q- agree to pricing Pugwash - Valentine's Port?
by buyer (contact). Do you have anyone coming tomorrow

Q- What kind of data - A: Weight & Estimate.

Issue - Deployment - How do we get them deployed
if the fisher doesn't get notified of landing.

No hail-in? - Buyers in support of this?

Connection w/ Buyers - they keep & sell next week only.

Efficient way - often buyers - If employees are available
10/day - different on how many are landing?

Follow the buyer -

Page

Date

Can't have them wait to offload.

* ACD Start w/ monitors trained - certified - determine to hire.

Apr. 7 will be off season.

Herring - Tuna.

Region - has turnover 12 weeks guarantee to guarantee 1 hr + travel.

* List of wharfs. Causeway to NB.
other area that other monitors not interested in.
of licence by ports.

Alan - no question.

Get the info - get us a better idea on prices.

price / offload or
1 hour or
1 day.

how they pay their employees:

hourly rate + Km

some adm. time.

6-2 jours - dimanche + mauvais temps

8-10 jours - 5 jours

Page

Date

Maquereau - à 25%.

employés présentement - c'est serré. projet étudiant? coûts de voyage.

embauché, réunion avec pêcheur. sera rock n roll sur les quais. Pêcheurs ne le veulent pas.

UPM - parlé aux Pêcheurs & Buyers.

envoyé info qu'est ce qu'on recherche comme données lui envoie un priv.

Maquereau - 25% ~~app~~ bateaux les appels pas.

crabe - pêcheur ont été débarquer à d'autre place.

tentatif - 6. pm. Jan -

Groundfish - Mario
Pellagique - Pierre

Page

DMP lobster.

Date

11h - Seefish - Marjorie - Rita. copy Rita.

Audit for this year.

Random 10 trips / day. Weigh out form.

Admin in AFIS.

Josiane to contact Processing association to see if they can give a heads up on who is coming in.

25, 23^{Bathurst up to DC}, tabusintac to Wallace, NS. 26A.

Good report DO - Bayport.

Could handle it, NS they are looking for someone.

no same ports - Pise-Pêche surrendered those ports to Seefish.

coasting =>

Marjorie has a list of what they are
We will provide the list.

4hr call out. DO -

LFA 23 - 2 monitors = 5 / day?

Already has a plan who could cover this in all zones.

River John? NS - almost can't go. ^{up to Cape John.} don't do Canibos.

Page

Date

Buysers - Gerry Anirault est pour
? King - DEI 3

Is there a willingness to cooperate w/ DMC?
@role ~~antique~~ être coopératif.

C.P. Peut être sur les quais. (UPM est correct avec).

Provide schedule to MC - envoyé aux détachements.
Shift work pendant avril / mai / June.

30 avril - début de la 23. Zone de pêche affectée
par les baleines. @ presser de sortir.

Page

Date 4 février 2019

Sam Start shift

Mon Meeting w/unit.

- Visit to Jewitch, Bixey, Pêse-Pêche prévu - 6 février
- ? • Visit to Sea Tracker + Island Weigh prévu - 12 février
- Redesignations des Dickside Monitoring companies
- DMP Annual Meeting - 6 Mars - schedule the meeting
- Berles 2016 Mathieu m'a apporté (Passe à travers).

- SKIP
- Demandes de Gaëlle - 2017-2018 Herring + Mackerel DMP w/big out forms
 - ASD 2017 - Passe à travers.
 - 2017 - info que Québec cherchait. Envoie (Scan + mail last week).
 - Plot camera inventory
 - Demande à Ron Observer coverage.
 - DMP lobster discussion w/ DMC. all done except for IW + CM.
 - DMP Regional Annex - incorporer dans le nouveau template +

* Conf. line for DMC Annual meeting.

Ron's update -> ① MSVP - MacLaren - won't be in commission.

One RCMP boat will be used. Peddle + A. LeBlanc (Gulf).

Lyc. Pilot - QC on one, Gulf on one vessel. QC - A. LeBlanc, Peddle - Gulf. Mid April to mid-July - Peddle.

2 full time pos. ass to Marine mammal protection. at RHD + task on MSVP. GT-04 not sure who to report to.

adder

② Gray seal hunt lasted 3 full days. Meat + fur. 1225 animals off Pictou ^{Island} area. 3 FD patrol area - helicopter.

③ Major Case - 3 full time pos. ass. here - habitat work - other Eng. work. Review 2-3 years to ensure - habitat work.

Date

call out ~~on~~ ^{to} FO if interest in these positions.

- ④ Add Cameras for tuna fleet this year. Catch monitoring funding in DOW. R.M. is working to get funding & acquisition. DFO officers will not be installing. ASD will be installing & reviewing footage for us.
- ⑤ DMP. lobster.
- ⑥ Vessel Modernisation - VMS - new devices, meeting w/ Industry - type of hardware & new approval process. Amy Williams is the lead on VMS file. Alexis ~~has~~ ^{has} returned as Student VMS-DMP - help for getting ready for 2019 season. full time.
- ⑦ Pilot in ASD in E-data capture. Bluetooth calipers. Mathieu to have discussions w/ Frise & Elmer Wadel.
- ⑧ Fisheries Act - waiting for approval.

Planning 2019-Enforcement files #ASK Ron to discuss local goals - DMP. top 5 - Poaching, etc.

National Salmon Meeting - YHZ.

ODL-

Page

Designated - April 17, 2019.

Date

Carole - Janitech - designation due April - check w/ Greg.

Dereck - tags project, tracking units.

Alan - ~~Fanny~~ Prescille - Samantha CM.
Alan, Josiane, me.

Audit / spot check verification of Landings.

10 trips / day. Random. DFO funded. used Weigh out form.

Requesting to see log book + enter estimate in comment box

Q - No hail-in requirements.

Random spot checks - 5 then 5.

1st year - hit + miss. Who's the early ones + who's the late ones.

Alan - add col - permission to log (check).

Prescille - Check the hold? @ have access to the house

overingulf region of Cape Breton Island.

Industry not for it, Buyers are.
Audit of Commercial Fisheries.

Worrel - Daily - issue for remote areas. Bi-Weekly

Page

Monitors - 10/day cover with current staff.
hire - choice vs necessity.

Guaranteed 8 hrs. / day.

Providing # of warps & # of landing.
2017? -> 2016.

Someone to send 2017. We don't have 2018.

Open to more than 10. Double or triple.

1pm - Tammy - Island Weigh
Sriane, Monique.

Feasability study for ~~water~~ water in Gulf.
Audit of catch monitoring verification.
10 trips / day. SpA check.

Spring w/ Snow crab - most would be in Souris.
April 8th meeting in Charlottetown w/ regulars.
He is interested.

admin.
Scan to us, monitor. / 10 / day.
list of warps (providing).
Eastern & Western - Ricky Doyle.

Tignish - Spring - ³ offloading sites possibly.
Buyer for scheduling.

Date

Different Buyers -

Herring - they do theirs, she does hers.

Q & A list for lobster. DMP reports. 2018. IW + ST.

No bail-in

no requirement. ^{pay:} per hour + mileage.

④ Cost share between Fisher + Buyer.

Buying a fish - you are req. to have a 20 share.

Eastern end - Snow crab.

Spring - lots of ports. 30 ports -

20 ports 1 month covered, next month 20.

~~May have~~ May need 21 day.

mid July to November, very busy. Fall lobster would be more challenging.

* US get list of buyers -

Bait? Check?

Ask fishers, visual inspection.

④ - Check inside the vessel Can they get this in writing.

Coverage - 1 year in advance.

Page

Date 31 Jan. 2019

- 8am - work - Meeting Le Marr.
- ASO Irregularities
 - Contact Paul Arsenault Shippagan to discuss 2017 ^{Err.}
 - Discussion w/ Carole - ASO Designation
 - Contact M. Jean Fortin - André Larocque Designation
 - Heather - updates on ASO red flags - contact other CPA
 - schedule meeting w/ Seefish for tomorrow.

2:30p - Réunion Pêch-Pêche Inc.
Sandra, Serge Chénier, Josiane, Muriel.

Elog volontaire cette année, intégrer les ventes dans Elog.

Alléatoire - Random

Audit. Min. 10 vérifications par jour.
demande J.D.B. vérif. l'estime et de barguements.

Serge - Grand territoire. Stoneheaven à Miscon.

l'employé. beaucoup de travail. Beaucoup de travail
MPO qui va payer?
possible oui. Coût ??? Territoire. 10h-2h de barguement.

5 par quai, 2 par jours.

harango crevette - quotas baissent.

Page

Date

per ^{day} ~~trip~~, Per landing, hourly.

3 Coasting options.

23 - 1 Jours. - 6 Jours. / 7.

25 - 6 Jours. - 5 Jours. / 6.

Page

Date

1pm Pese-Pêche-

- Quand recevons-nous les fiches d'appel seulement?
Incident 2017 - voir sticky note.

• aimerait venir passer 1/2-journée avec un observateur à quai pendant la saison. Possible?

• Serge Chiason - Est-ce qu'il a un permis de pêche?

• Rapports d'incident - Merci de nous les rapporter. On regarde à chacun.

• ^{voir} ~~DMP~~ Homard - On regarde à avoir un agent des pêches être sur le quai ~~sur~~ les premiers débarquements pour supporter les observateurs.

Lorenzo Noël - nouveau novembre.

toute dans système - Hail out.

Rien à bord en tenant ses trappes.

2h - Crabe - modifier

On 2015 / 2018 oui.

~~23 Nov 2015~~ 7 fév 2018. Darren - (le demande).

^{voir} ~~voir~~ ~~voir~~

GPS - employé qui pourrait le rendre.

• Log - liste des participants.

Page

Date

3:30 DMP lobster meeting.

Gréelle - mettre dans écran DMC.
rentre un min. d'info.

DMP de homard - ?

aller homard 1080 DMP. -> logare.

DMC catch monitoring screen.

verified - non verified. tout ce qu'on rentre - DMP Reports.

DMP ubiquitous form - dans les dossiers à stat.
original à stat.

logbook - Unique ID + log.

~~trip ID - mettre le # de journal de bord.~~

landing Report.

Effort -

landing report -

cie à quel - rempli

homard pas besoin ??

Purchase slip - Observateur

purchase slip dans commentaires.

tail - # mettre l'estimer dans le log du pêcheur. Non - déjà une champs

* # on pas du DMP ubiquitous form ???

Quand ils rentrent le # dans GPS. Document number.

Page

Date

Josiane - # de lucerna par quai
un cont.

cont -> comme ils font.

14 fév - 2019

Just Macquerel.

(no ship quand ils vendent de l'appât au pêcheur)
pêcheur qui a acheter du bryer pour l'air.

tout de suite - GFIS inclus même qu'ils ne devraient pas avoir entre.

correction des données sera faite en juillet/août.

2.2 millions de mackerel total dans DMPR.

2.450 millions dans GFIS.

(250 000 KG d'hailer)
lotie à caelle.

2 ans passés - chiffres Mackerel/Herring - Permet de l'appât.

Jennifer -

Haitin avec estimée. Prend le Haitin est + ajouté avec débarquement.

DMPR - Haing/Maqueleau - c'est du bœuf maqueleau.

4 semaines - compilé 2017 + 2018 2 FTE.

Matching de données de maqueleau. Centre de données.

Page

Date

10am Meeting (Team)

- DMC designations
- Coverture Snow crab
- DMC Annual meeting Paperwork
- Demande pour
- DMC Conviction
- Initech demande pour savoir

D'autres régions ~~demande~~ fait Coverture per quota pas ms autres. Voudrait voir les diff. per trip 15 per quota.

#trip total de proex - 15% converts. Ces 15% là c'est qu'on les ont flander.

④ GIS - peuvent-tu choisir le format?

Matthieu:

④ Priorité 2019-2020?

templates -

④ IT - demande pour un software que tu peux ajouter des petits softwares toi même.

Page

To DO

- Give thru 2017, 2018 ASO files in boxes
- Redesignation ~~Redesignation~~
- Island Weight
- ~~Sea Tracker~~
- Question in kintech
- Regional DMP Annex - Translate ^{Revised} ~~Plot in~~
- DMP meeting to have - get everything signed
- Plot Camera Inventory
- check [redacted]
- Add-twicken in files folder - 4 files in Storage - ASO and DO 2016-2017 2018
- Sea Tracker [redacted]
- Andre ~~barrene~~ Plot ~~logs~~ ~~Plot~~ ~~for~~ ~~history~~
BUT?

s.19(1)

Crew and Group Travel Plan

Date of Crew Change or Group Travel:	05-Mar-18
--------------------------------------	-----------

Plan number (optional):	
-------------------------	--

Information	
Vessel Name or Group Name (if applicable)	Annual Dockside Monitoring Program Meeting
Region/sector/Branch/District/Section	Gulf/FAM/C&P/Enforcement
Trip Purpose	02 - Key stakeholder engagement
If Trip Purpose entitled "Other" is chosen, provide a detailed explanation.	
Trip objective and justification for not using telepresence or other alternative to travel	To discuss issues related to the DMP and to provide an opportunity for all the DMCs to be consulted on program changes, issues and concerns
Justification for the number of travellers	DMP representatives in the areas (Fishery Officers and Resource Management ENB) need to be represented because of their knowledge on fisheries and their direct contact with fish harvesters, buyers and dockside monitors.

Plan is not approved until signed by a Senior Departmental Manager (that is a manager who reports directly to the Deputy Minister or the Commissioner, Canadian Coast Guard).

Purpose of Travel

- 01 - Core mandate
- 02 - Key stakeholder engagement
- 03 - Internal governance
- 04 - Training
- 05 - Other

Explanation

Travel that is required in support of the direct delivery of the core mandate of the Department of Fisheries and Oceans and/or the Canadian Coast Guard or legislative or legal requirements.
Travel that is necessary to **engage key stakeholders** in relation to policy, program or regulatory development or renewal or other matters that support the Department of Fisheries and Ocean's and Canadian Coast Guard's ongoing working relationship or operations with such communities.
Travel that is necessary to support sound **internal governance** of the Department of Fisheries and Oceans and/or the Canadian Coast Guard including management meetings and Departmental Audit Committee meetings, or that is necessary for the recruitment or hiring of employees.
Travel to enable the **training** of employees to meet the assigned duties of their positions.

Other travel - please provide detailed explanation.

Amended	Traveller name	Origin / Destination(s) of Travel	Public Servant?	Cost information (include taxes)							Event information					
				Air	Rail	Rental Motor Vehicle	Personal Motor Vehicle	Taxi	Other Transport	Accommodation	Meals	Incidentals	Other	Total Trip Amount	Is the trip part of an Event?	Event number (optional)
	1	Fishery Officer ENB	Yes			GV				148.00	119.85	34.60		302.45	Yes	
	2	Fishery Officer GNS	Yes			GV			8.00	296.00	139.70	51.90		495.60	Yes	
	3	Fishery Officer PEI	Yes			GV			47.75	296.00	139.70	51.90		535.35	Yes	
	4	Resource Management, ENB	Yes			GV				148.00	119.85	34.60		302.45	Yes	
	5	Resource Management, GNS	Yes				75.00		8.00	296.00	139.70	51.90		570.60	Yes	
	6	Resource Management, PEI	Yes				75.00		47.75	148.00	139.70	34.60		445.05	Yes	
	7	Fishery Officer GNS	Yes			GV				296.00	139.70	51.90		487.60	Yes	
	8															
	9															
	10															
	11															
	12															
							\$150.00		\$111.50	\$1,628.00	\$998.20	\$311.40		\$3,139.10		

Expenditure Initiation approved by (Print):

Signature:

Date:

Recommended by:

Recommended by:

Recommended by:

Date:

Date:

Date:

Activity Request: Travel, Hospitality, Conference and Event Expenditures Initiation

☐ Urgent

This form includes seven parts: Activity Information, Completed By, Justifications, Participants/Travel, Hospitality, Other Costs, and Authorizations. Four tabs have been included to capture this information and to provide a summary first tab. This form indicates the appropriate pre-approval level based on current policy instruments. Content must be enabled. White and yellow boxes must be completed for relevant sections. Please complete every field in each section sequentially.

Storage number:

Activity #:

This section for corporate use only

Fiscal Quarter: Q4

Month: March

Year: 2019

1. Event or Operational Activity Information			2. Completed By:	
Name of the Activity:	Annual Dockside Monitoring Program Meeting		Contact Name:	Monique Dupuis
Travel Category:	02 - Key stakeholders / Principaux intervenants		Contact Title:	Regional ASO & DMP Coordinator
Activity Date:	From	To	Contact Phone:	506-851-6214
(YYYY-MM-DD)	2019-03-06	2019-03-06	Departmental group making this request	
Country:	Canada		Organization:	DFO_MPO
City / Province (region):	Dieppe, NB		Sector (Mandatory):	Regional Office: Gulf / Bureau régional: Golfe (DFO_MPO)
Venue:	Holiday Inn Express Dieppe Airport		Region:	Gulf / Golfe (DFO_MPO)
Hosted by the Department:	Yes/Oui			
Will the activity include engagement with domestic or international stakeholders?				
				Yes/Oui
Activity Type:	Stakeholder Consultation			
Activity SubType:	Stakeholder Consultation (for departmental products or services)			
Recurring Activity:	Annual (every year) / Annuelle (à tous les an			
Count of participants				
Department	Other Government Departments (OGD)		Non-Public Servant	Total
14	0		9	23

3. Justifications	
Brief overview of the activity and its purpose.	
The purpose of this meeting is to discuss issues related to the dockside monitoring program and to provide an opportunity for all dockside monitoring companies to be consulted on program changes, issues and concerns. Representatives from various DFO branches, such as Conservation and Protection, Resource Management, Statistics and Science, need to be present to address issues that are relevant to their field of business. As well, the throw Fishery Officers, who are also DMP representatives in the areas, need to be represented because of their knowledge on fisheries and their direct contact with fish harvesters, buyers and dockside monitors.	

4. Hospitality				
Type (No alcohol included)	Paid for by the Department			Paid by Other Organizations
	Department participants	Other Government Departments	Non - Public Servant	Department participants
	6	0	9	0
Breakfast	\$ -	\$ -	\$ -	\$ -
Lunch	\$ -	\$ -	\$ -	\$ -
Dinner	\$ -	\$ -	\$ -	\$ -
Refreshments	\$ -	\$ -	\$ -	\$ -
Reception	\$ -	\$ -	\$ -	\$ -
Entertainment	\$ -	\$ -	\$ -	\$ -
Transport	\$ -	\$ -	\$ -	\$ -
Hospitality Costs	\$ -	\$ -	\$ -	\$ -
Facilities & Associated Costs	\$ -	\$ -	\$ -	\$ -
Total Hospitality paid by the Department	\$ -	\$ -	\$ -	\$ -
Explanation for Hospitality:				
Meeting room rental cost to host meeting.				

5. Travel				
Total Count of Travellers	Paid for by the Department or Cost Will Be Recovered		Paid by Other Organizations	
	Department participants	Other attendees	Department participants	Other attendees
8	8	0	0	0
Travel Costs	Department participants	other attendees	Department participants	other attendees
Transportation (Air, Train, Car Rental, Taxi)	\$ 150.00	\$ -	\$ -	\$ -
Other Transportation	\$ 111.50	\$ -	\$ -	\$ -
Accommodation	\$ 1,924.00	\$ -	\$ -	\$ -
Meals and Incidentals	\$ 1,441.20	\$ -	\$ -	\$ -
Other Costs	\$ -	\$ -	\$ -	\$ -
Total Travel costs	\$ 3,626.70	\$ -	\$ -	\$ -
Grand Total - Travel Costs	\$ 3,626.70	\$ -	\$ -	\$ 3,626.70

6. Other Costs (Professional Services, translation services, room rental, etc.)		
Description	Departmental	Other Organizations
Facilities Cost (not related to hospitality)	\$ -	\$ -
Interpretation	\$ 600.00	\$ -
Meeting room rental cost to host meeting.	\$ 230.00	\$ -
Interpretation equipment	\$ 200.00	\$ -
Total Other costs	\$ 1,030.00	\$ -
Grand Total - Other Costs	\$ 1,030.00	\$ 1,030.00

Activity Costs Summary			
	Departmental	Other Organizations	Total
Hospitality	\$ -	\$ -	\$ -
Travel	\$ 3,626.70	\$ -	\$ 3,626.70
Conference	\$ -	\$ -	\$ -
Other	\$ 1,030.00	\$ -	\$ 1,030.00
Total Activity Costs	\$ 4,656.70	\$ -	\$ 4,656.70

7. Authorizations	
No exceptions identified / Aucune exception identifiée	

Activity Pre-initiation	Name (Last Name, First)	Position Title and Region	Signature	Date (Please type)	Decision (Mandatory)
Senior Department Manager pre-approval required					
Travel (\$3,626.70)					Pre-approved/Pré-approuvé
No costs, no pre-approval required					
Hospitality (\$0.00)					
No costs, no pre-approval required					
Conference (\$0.00)					
Positions below DG level down to RC Manager					
Other (\$1,030.00)					Pre-approved/Pré-approuvé

The signature of the SDM (or delegates) confirms they have minimized the travel, hospitality, conference and event expenses and complied with TB directives.

They also confirm that these expenses are necessary to support the departmental mandate.

For assistance determining the correct level or for any question regarding the expenditure initiation of THCEE please contact Financial-Policies.XNAT@dfo-mpo.gc.ca

Please attach and return the completed digital form to the DFO.CFO.Correspondence-Correspondance.DPF.MPO@dfo-mpo.gc.ca and include a scanned copy of the first page bearing the signature.

000945

Justifications			
Name of the Activity: Annual Dockside Monitoring Program Meeting Activity Date: Start/Debut: 2019-03-06 End/Fin: 2019-03-06 Country: Canada Storage number:		Contact Name: Monique Dupuis Contact Title: Regional ASO & DMP Coordinator Travel Category: 02 - Key stakeholders / Principaux intervenants	
Brief overview of the activity and its purposes? Also indicate if this is an opportunity for Minister or DM participation. (2000 characters max): The purpose of this meeting is to discuss issues related to the dockside monitoring program and to provide an opportunity for all dockside monitoring companies to be consulted on program changes, issues and concerns. Representatives from various DFO branches, such as Conservation and Protection, Resource Management, Statistics and Science, need to be present to address issues that are relevant to their field of business. As well, the throw Fishery Officers, who are also DMP representatives in the areas, need to be represented because of their knowledge on fisheries and their direct contact with fish harvesters, buyers and dockside monitors.			
If an agenda is available, describe items of interests to the department. (500 characters max) Enclosed is a draft agenda (annex 1). The agenda may have a slight adjustment as we get closer to the date should there be other topics that would be beneficial for discussion.		Count 177	
State the importance of the department's participation. How does this meet the department's objectives? What is the impact if the department does not participate? (2000 characters max): As per Article B(4) of the DFO National Dockside Monitoring Program Policy and Procedures, DFO must meet on at least an annual basis with the Dockside Monitoring Companies to ensure issues are addressed. The last meeting was held in December 2017.			
Is this activity considered sensitive? (If yes, please provide details below) Example of sensitive issues may include potential media attention, negative impact on departmental reputation, etc. (1000 characters max):		No/Non Count 0	
If this activity has occurred before, provide details of the previous instance. Include the former date, location, count of departmental participants and total costs to the department at the time. If the cost or count of participants has increased since the previous activity, please justify these changes. (1000 characters max): This activity has occurred on December 14, 2017 in Moncton, NB where a total of 10 DFO employees participated (1 from Science, 1 from Quota Monitoring, 2 from Resource Management, 1 from Statistics and 4 from C&P) and 9 representatives from Dockside Monitoring Companies participated. The breakdown cost for this meeting was as followed: \$1381.40 in travel costs for DFO employee, \$1000 for in-house translation and 175\$ for meeting room rental for a total of \$2556.40.			
Rationale for more than one traveler (if applicable)? (1000 characters max): We are inviting DFO Fishery Officers who are DMP representatives from the areas and representatives from Area Resource Management to this meeting.			
Explain why a virtual presence or other remote meeting solutions were not applied (500 characters max): Virtual presence is not an option at this time but future meetings may be held with WebEx if available to our private industry partners.			

#REF

Provide the reasons and circumstances for this hospitality request: (2000 character limit)

DMP Annual Meeting Participants

Monique Dupuis	C&P
Ron Belliveau	C&P
Gaëlle Lemay	Statistique
Mélanie Robichaud-Haché	Statistique
Jennifer Smith	Statistique (Quota monitoring)
Elmer Wade	Resource Management
Sandra Comeau	Resource Management, ENB
Benjamin Moore	Resource Management, PEI
Allan Dwyer	Resource Management, ENS
Gabriel Albert	C&P, ENB
Dave Austin	C&P, ENS
Phillipe Chiasson	C&P, ENS
Owen Jackson	C&P, PEI
Shane MacIsaac (tentative)	C&P, PEI
Tashina Thomas	Resource Management
Jenni McDermid	Science
Serge Chiasson	Pèse-Pêche
Ricky Doyle	Sea Tracker Dockside Monitoring
Tammy Arsenault	Island Weigh (95) Inc.
Employee from IW	Island Weigh (95) Inc.
Employee from IW	Island Weigh (95) Inc.
Barry Gaudet	Atlantic Catch Data
Prescille Desveaux	Cheticamp Monitoring
Marjorie Leeman	Seefish Dockside Monitoring
Rita Maillet	Seefish Dockside Monitoring
JC Bourque	Interprétation



Fisheries and Oceans
Canada

Pêches et Océans
Canada



Fisheries and Oceans
Canada

Pêches et Océans
Canada

Canadian
Coast Guard

Garde côtière
canadienne

**REQUEST FOR SERVICE CONTRACT
CHECKLIST FOR CONTRACTS < \$10K OR
WITHIN DELEGATION FOR CONSTRUCTION CONTRACTING - RCM/ PROJECT AUTHORITY**

Contract Number:

Type of Contract ☒ **Service** ☐ **Construction**

NOTE: This checklist is not required for Call-Up's Against Standing Offer Agreements, Grants & Contribution Agreements nor Service Contracts less than \$1,000.00 (tax excluded).

SPECIAL RESTRICTIONS:

Special restrictions have been placed on the purchase, rental, or lease of some types of goods and services. The following table provides a list of some of the restricted items that you must be aware of:

- Public Opinion Research (PWGSC);
- Legal Services (Dept. of Justice);
- Temporary Help Services
 - As of April 1, 2011 Responsibility Centre Managers (RCMs) are no longer authorized to issue Call-Ups for Temporary Help Services. All requests for Temporary Help Services **must** be sent to **Regional Materiel & Procurement Services** for processing.
- Procurement of Firearms;
- Research and Development (PWGSC);
- Printing – goods contracts;
- Contracting with Former Public Servants (**Regional Materiel & Procurement Services**);
- Expert Witness (**Regional Materiel & Procurement Services**);
- Supply Arrangements (**Regional Materiel & Procurement Services**);
- Diving – Departmental Diving Safety Procedures (**Regional Materiel & Procurement Services**);
- Vessel Charters (**Regional Materiel & Procurement Services**);

More information can be found at the following F&A 101 website.

<http://w02intra01.ncr.dfo-mpo.gc.ca/ENGLISH/Corpacct/F&A101/procure/restrict/restrict.htm>

CAUTIONS:

The Department has put cautions/special policies in place. The following list is a sample of a few. Please consult with your regional contracting office if you are entering into a contract for these services -

- Aircraft charters;
- Employee/Employer relationship;
- Long term leasing of capital assets, office/warehouse space and real property.

	Yes	No	N/A	Comments
01. Is this within the Department's mandate & Program objectives?.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
02. Complete Statement of Work with clearly identified stages of work to be carried out:				
• Title.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Start & Completion dates (incl. multi-year contract).....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Background Statement.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Clear description (objectives to be attained).....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Description of scope of work + existing resource material.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Phases of work.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Details of any constraints imposed (i.e. policies, standards).....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Departmental support required (i.e. use of assets or work on-site).....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Specific details re responsibilities of the client & contractor.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Requirements for progress meetings.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Deliverables to be provided (e.g. progress report, milestone, etc.).....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Estimate of anticipated level of effort required.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Time schedule for completion of each stage of the work.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Location of work - on site <input type="checkbox"/> and/or off site <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Language Requirement, in accordance with Part IV of the Official Languages Act.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Security Requirements.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Insurance Requirement (if applicable).....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Travel and living (if applicable).....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Recommended sources (vendor).....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Method of Payment - Acquisition Card.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
03. Are services being delivered in area(s) subject to Comprehensive Land Claim?.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• If so, which Land Claim Agreement(s)? <input type="text"/>				
• If so, does the Statement of Work/tender documentation include the appropriate Economic Measures Obligation for the applicable Land Claim Agreement(s)?.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
• Have the designated groups in the Land Claim Area(s) been notified?.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	



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Garde côtière
canadienne

	Yes	No	N/A	Comments
04. Is this contract being set-aside under Procurement Strategy for Aboriginal Business (PSAB)?..... If so, has Indian and Northern Affairs Canada (INAC) been notified?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
05. If Intellectual Property has been identified, does it rest with the contractor and has it been identified in the contract and tender notices? • If not Contractor owned, what exception is being used for the IP to vest with the Crown and has this been identified in the contract and tender notices? Exception Number: (6.1, 6.2, 6.3, 6.4.1, 6.4.2, 6.4.3, 6.5 or 8.1). For more details, please refer to the TB Policy.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
06. Is it a Non-competitive/Sole source contract ? • If so, clear justification note must be documented in file consistent with TB policy.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
07. Has the obligation been entered into Abacus?..... • If Land Claim Agreement is applicable, has this been identified in Abacus? • Are the appropriate solicitation methods and limited tendering (if applicable) reasons identified in the "PO Header" section of Abacus? • Are the applicable trade agreements identified in the "PO Header" section of Abacus?..... • If the contract generates IP, is this identified in the "PO Header" section of Abacus?.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
08. If security issues are applicable..... • Has a SRCL been completed?..... http://www.tbs-sct.gc.ca/tbsf-fsct/350-103-fra.asp • Copy of security clearance or e-mail from DFO security verifying approved clearance is required on file.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
09. Have Risk Management issues been addressed by Project Authority? Does the Company/Individual have: • Worker's Compensation?..... • Insurance requirements?..... • Accident Disability Insurance..... • Bonds/Security deposit required?..... • Environmental Assessment required, on file?..... • OSH (i.e. safety briefings, copy of contractor's certifications)..... • Qualifications (i.e. copy of résumé, confirmation of educational/professional requirements, etc.)?.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10. Competitive Contract - list of potential suppliers, copies of proposals, quotes.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11. Copy of Signed Contract?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12. Supporting Documentations and Location: • Copies of Progress Reports in file File #..... • Copy of Final Report in file.....#..... • Vendor Performance & Evaluation Report on file or sent to Contracting if awarded by Contracting.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
13. AMENDMENT TO CONTRACT : (i.e. increase in level of effort, scope of work increase/decrease, increase/decrease of required resources) • Clear rationale is documented on file..... • Revised proposal and costing on file..... • Obligation in Abacus..... • Amendment to Contractor for signature..... • Signed copy on file.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Project Authority's Signature _____

Date: _____

RCM Signature _____

Date: _____

* REMINDER note for Sole-Source Justification

Please note that the following are the exceptions for sole source as per TB policy:

- the need is one of pressing emergency in which delay would be injurious to the public interest;
- the estimated expenditure does not exceed:
 - \$25,000; or
 - \$100,000, where the contract is for acquisition of architectural, engineering and other services required in respect of the planning, design, preparation or supervision of the construction, repair, renovation or restoration of a work;
- the nature of the work is such that it would not be in the public interest to solicit bids (i.e. national security); or
- only one person or firm is capable of performing the contract (i.e. patent or copyright).

Dupuis, Monique

From: Dupuis, Monique
Sent: February 12, 2019 9:48 AM
To: MacIsaac, Shane; Gillespie, Glen; Cheverie, Anthony; Waddell, Lindsay; Dunphy, Marcus; Sheidow, Don; Dionne, Michelle R; Cheverie, Anthony
Subject: RE: DMP Annual meeting

Bonjour,

Can you please advise me before the end of the day if anyone from PEI will be attending this meeting as I need to get the travel plan signed and approved?

Thank you and have a great day!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ, Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>
Sent: January 15, 2019 4:23 PM
To: Gillespie, Glen <Glen.Gillespie@dfo-mpo.gc.ca>; Cheverie, Anthony <Anthony.Cheverie@dfo-mpo.gc.ca>; Waddell, Lindsay <Lindsay.Waddell@dfo-mpo.gc.ca>; Dunphy, Marcus <Marcus.Dunphy@dfo-mpo.gc.ca>; Sheidow, Don <Don.Sheidow@dfo-mpo.gc.ca>; Dionne, Michelle R <Michelle.Dionne@dfo-mpo.gc.ca>; Cheverie, Anthony <Anthony.Cheverie@dfo-mpo.gc.ca>
Cc: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: FW: DMP Annual meeting

I recommend that someone else on PEI attend this DMP meeting in March and respond to Monique accordingly.
Tks

Shane

Shane MacIsaac
Fishery Officer/Field Supervisor
30 MacPhee Ave, P.O. Box 448
Souris PE COA 2B0
Ph: 902-687-2019
Fax: 902-687-3590

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: Monday, January 14, 2019 11:05 AM
To: Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario

<Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane
<Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Beauchamp, Sébastien
<Sebastien.Beauchamp@dfo-mpo.gc.ca>
Cc: Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>
Subject: DMP Annual meeting

Bonjour,

I am currently in the preliminary stage of planning the annual DMP meeting with Dockside Monitoring Companies. You are receiving this e-mail as you participated to the last DMP meeting held in December 2017.

The tentative date for the meeting will be March 12, 2019 at the Holiday Inn Express & Suites Dieppe Airport (same location as last meeting).

Can you confirm your attendance to this meeting? For attendance number purposes, can you advise me if you will extend this invitation to another member of your team?

If you wish to submit any agenda items for this meeting, please send directly them to me.

If I forgot to extend the invitation to someone, please do not hesitate to advise me.

Bonne journée!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection

Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Dupuis, Monique
Sent: February 12, 2019 8:31 AM
To: Mallet, Pierre
Subject: FW: DFOWLM IVR 620 - CR004, 005 & 006

Allo Pierre,

Tammy chez Island Weigh a soumis le point à l'agenda suivant :

« Tuna Hail Outs : In Dec. 2017 at our annual meeting it was stated the money is sitting there to have the VHOR upgraded so it could handle all the 2018 tuna hail outs. We know this was not complete, is it looking like it will be done for the 2019 season?»

Puisque tu seras absent à la réunion, est-ce que tu peux préparer un petit communiqué à cette égard ou est-ce que quelqu'un est capable d'adresser ce sujet à ta place ?

Merci et bonne journée !
Monique

Monique Dupuis
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Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Belliveau, Ron <Ron.Belliveau@dfo-mpo.gc.ca>
Sent: February 6, 2019 10:44 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Cc: Hachey, Carole M <Carole.Hachey@dfo-mpo.gc.ca>
Subject: FW: DFOWLM IVR 620 - CR004, 005 & 006

On va aller de l'avant de faire des changements au hail-out pour la pêche au thon.

Pierre va entamer les discussion avec Bell et payer pour la mise à jour.

Ron Belliveau

Chief, Enforcement & Operations, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
[Ron.Belliveau @dfo-mpo.gc.ca](mailto:Ron.Belliveau@dfo-mpo.gc.ca)/Tel: 506-851-3872/Cel: 506-

s.16(2)(c)

Chef d'Opérations d'application des Règlements, Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
[Ron.Belliveau @dfo-mpo.gc.ca](mailto:Ron.Belliveau@dfo-mpo.gc.ca)/Tél. : 506-851-3872/Tél. cell. : 506-

From: Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>
Sent: February-06-19 10:15 AM

To: Belliveau, Ron <Ron.Belliveau@dfo-mpo.gc.ca>

Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Oh yes

From: Belliveau, Ron <Ron.Belliveau@dfo-mpo.gc.ca>

Sent: February-06-19 10:15 AM

To: Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>

Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

OK you have funding?

Ron B

Chief, Enforcement & Operations, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Ron.Belliveau @dfo-mpo.gc.ca/Tel: 506-851-3872/Cel: 506- [REDACTED]

Chef d'Opérations d'application des Règlements, Conservation et protection

s.16(2)(c)

Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Ron.Belliveau @dfo-mpo.gc.ca/Tél. : 506-851-3872/Tél. cell. : 506- [REDACTED]

From: Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>

Sent: February-06-19 10:14 AM

To: Belliveau, Ron <Ron.Belliveau@dfo-mpo.gc.ca>

Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Ok😊

From: Belliveau, Ron <Ron.Belliveau@dfo-mpo.gc.ca>

Sent: February-06-19 10:00 AM

To: Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>

Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

OK, I just read the e-mail yesterday while cleaning up my e-mail, do you have funding to cover the cost?

Ron Belliveau

Chief, Enforcement & Operations, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Ron.Belliveau @dfo-mpo.gc.ca/Tel: 506-851-3872/Cel: 506- [REDACTED]

s.16(2)(c)

Chef d'Opérations d'application des Règlements, Conservation et protection

Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Ron.Belliveau @dfo-mpo.gc.ca/Tél. : 506-851-3872/Tél. cell. : 506- [REDACTED]

From: Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>

Sent: February-06-19 9:39 AM

To: Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>

Cc: Belliveau, Ron <Ron.Belliveau@dfo-mpo.gc.ca>

Subject: RE: DFOWLM IVR 620 - CR004, 005 & 006

Allo Ron

J'ai répondu a ceci en septembre, c'est tu ça que tu cherches?

Merci

From: Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>
Sent: February-05-19 10:56 AM
To: Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>
Cc: Belliveau, Ron <Ron.Belliveau@dfo-mpo.gc.ca>
Subject: Fw: DFOWLM IVR 620 - CR004, 005 & 006

Salut Pierre,

Voir message de Ron. Est-ce que tu peux donner suite avec lui.
Je suis en réunion a Mont-joli.
Merci!

Mario

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Belliveau, Ron <Ron.Belliveau@dfo-mpo.gc.ca>
Sent: mardi 5 février 2019 10:26
To: Gaudet, Mario
Subject: FW: DFOWLM IVR 620 - CR004, 005 & 006

Je t' ai laissé un message.

Ron Belliveau

Chief, Enforcement & Operations, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
[Ron.Belliveau @dfo-mpo.gc.ca](mailto:Ron.Belliveau@dfo-mpo.gc.ca)/Tel: 506-851-3872/Cel: 506-

s.16(2)(c)

Chef d'Opérations d'application des Règlements, Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
[Ron.Belliveau @dfo-mpo.gc.ca](mailto:Ron.Belliveau@dfo-mpo.gc.ca)/Tél. : 506-851-3872/Tél. cell. : 506-

From: MacKay, Glenn R <Glenn.MacKay@dfo-mpo.gc.ca>
Sent: September-21-18 2:58 PM
To: Berthier, Jacinta <Jacinta.Berthier@dfo-mpo.gc.ca>; Belliveau, Ron <Ron.Belliveau@dfo-mpo.gc.ca>
Cc: Potter, Ted <Ted.Potter@dfo-mpo.gc.ca>; Lapierre, Daniel <Daniel.Lapierre@dfo-mpo.gc.ca>; Arsenault, Shane <Shane.Arsenault@dfo-mpo.gc.ca>; Janes, Todd <Todd.Janes@dfo-mpo.gc.ca>; Ledwell, Mark <Mark.Ledwell@dfo-mpo.gc.ca>; David, Blair <Blair.David@dfo-mpo.gc.ca>
Subject: FW: DFOWLM IVR 620 - CR004, 005 & 006

Hi Jacinta and Ron,

Here is the cost for the IVR modifications that have been discussed.

Todd needs your approval to move ahead with these modifications. He has the costs in Red below. Please let me know if you need any clarification.

Thanks.

Glenn

Glenn MacKay

Fisheries Management Officer | Agent de gestion des pêches
Fisheries Management | Gestion des pêches
Maritimes Region | Région des Maritimes
Fisheries and Oceans Canada | Pêches et Océans Canada
1 Challenger Drive | 1, Promenade Challenger
Dartmouth, NS Canada B2Y 4A2
<mailto:Glenn.MacKay@dfo-mpo.gc.ca>
Phone 902-233-0748

s.20(1)(b)

s.20(1)(c)

From: St-Pierre, Mario [<mailto:mario.st-pierre@bell.ca>]
Sent: 2018-September-20 2:08 PM
To: Janes, Todd
Cc: Schultz, Eric
Subject: DFOWLM IVR 620 - CR004, 005 & 006

Hi Todd,

Attached are the Change Requests (CRs) requested ;

CR004 = additional capacity, required to support the Lobster calls (Genesys & Nuance) [REDACTED]

CR005 = to implement the At Sea Observer (Maritimes) [REDACTED]

CR006 = to implement the Tuna (Gulf Quebec) [REDACTED]

To engage in delivery of one of the above CRs, and complete the change by Oct. 12th, an email approval is required by Sep. 26th, noon (ET).

Important

Because of the quoted expected delivery date, being Oct. 12th, only one of the three CRs can be implemented. Of the three CRs, only CR004 or CR006 can be considered at this moment. In addition of being capable to implement uniquely one CR for Oct. 12th, special attention to the responsibilities associated to the DFO team is non-negligible (please refer to section #4 "Proposed Solution" for details outlining the requirements and assumptions).

In addition to the assumptions and requirements outlined in the CRs, remote access to the solution must be maintained throughout delivery.

Knowledge transfer and Support have not been quoted in these CRs. Although these are considered as essential for business continuity, I would recommend that they be covered in separate CRs.

Understanding that the expected delivery timeframe is extremely short, perhaps we can entertain other periods for which we can deliver these enhancements, such as Nov-Dec, or again Q1?

Please don't hesitate to call me to go over these CRs. I would have availability this afternoon between 3-4PM (ET), or again tomorrow morning 8:30-9:30 (ET).

Regards,

Bell

Mario St-Pierre

Gestionnaire principal - Centres de contacts

Senior Manager - Contact Center

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tél.: (514) 786-3352 cel.: (514) 346-5974

téléc.: (514) 766-4019

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1 Carrefour Alexander-Graham Bell, Aile E-4, Verdun, Québec, H3E 3B3

Dupuis, Monique

From: Dupuis, Monique
Sent: January 29, 2019 2:34 PM
To: Hachey, Carole M
Subject: Purchase order and contract for simulated translation

Allo,
I need a purchase order for simulated translation for the annual DMP meeting. Is there a unit within DFO that takes care of creating purchase orders and contracts or do we take care of our own? This is a contract that is less than 10,000\$.

Thanks for your expertise again!
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

Dupuis, Monique

From: Dupuis, Monique
Sent: January 29, 2019 1:55 PM
To: Mallet, Pierre
Subject: RE: FW: Annual DMP Meeting / Réunion annuelle du PVQ

Merci de m'aviser Pierre. Si jamais il y a des choses que tu veux qu'on discute à cette réunion, n'hésite pas de m'en faire part.

Bonne journée.
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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-----Original Appointment-----

From: Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>
Sent: January 29, 2019 1:53 PM
To: Dupuis, Monique
Subject: Declined: FW: Annual DMP Meeting / Réunion annuelle du PVQ
When: March 6, 2019 9:00 AM-3:00 PM (UTC-04:00) Atlantic Time (Canada).
Where: Moncton/Dieppe (location TBD)

Allo Monique,

Désolé, je suis à Mont-Joli la semaine du 4-8 mars pour un RAP maquereau

Dupuis, Monique

From: Dupuis, Monique
Sent: January 24, 2019 10:30 AM
To: Smith, Jennifer R (Gulf)
Subject: RE: DMP Annual meeting

Hi,
Tentatively March 6th. I am trying to find a simultaneous translator for this date now. I will send a save the date this afternoon or tomorrow.

Thanks
Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>
Sent: January 24, 2019 10:25 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: DMP Annual meeting

Do we have a date???

Jennifer Smith

Quota Monitoring Officer/Agente du Suivi des Contingents
Strategic Services / Service Stratégiques
DFO-Gulf Region/MPO-Région du Golfe
Tel: (506) 851-7204
Fax: (506) 851-7809 or 1-855-897-3079
E-mail: Jennifer.smith@dfo-mpo.gc.ca
 [@DFO_Gulf](#), [@MPO_Golfe](#)

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: Friday, January 18, 2019 10:43 AM
To: Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>
Subject: RE: DMP Annual meeting

Bonjour,

Sorry for all the e-mails as I am trying to accommodate the largest number for attendance as possible. ☺

Can you give me your availability for the following dates:

February 19th to 21st

March 6th (NB March Break)

March 14th

March 19th to 21st

Merci!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

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Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Dupuis, Monique

Sent: January 18, 2019 10:19 AM

To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>

Subject: RE: DMP Annual meeting

Bonjour,

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I am trying to keep it the week of March 11th as this is a week that there are no March Breaks in any of the Atlantic provinces.

Many thanks!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

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Cc: Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>

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If I forgot to extend the invitation to someone, please do not hesitate to advise me.

Bonne journée!

Monique

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Dupuis, Monique

From: Dupuis, Monique
Sent: January 18, 2019 10:51 AM
To: Lemay, Gaëlle
Subject: RE: DMP Annual meeting

Hi,
Thanks for the suggestion. I did check that, but there were no dates that everyone was available from what I saw and there were a lot of "tentatives" in the calendar.

Thank you for the reply. I will send a meeting invite once I have the date figured out.

Bon weekend!
Monique

Monique Dupuis
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From: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>
Sent: January 18, 2019 10:47 AM
To: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Subject: RE: DMP Annual meeting

Hi Monique,

Would it not be easier to check everyone's outlook calendar to see if they are available?
I'm available for all dates identified below for now (a meeting is brewing in Ottawa but it's tentatively scheduled for February 27-28).

Gaëlle

From: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>
Sent: January-18-19 10:43 AM
To: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>; Smith, Jennifer R (Gulf) <Jennifer.Smith@dfo-mpo.gc.ca>; Thomas, Tashina <Tashina.Thomas@dfo-mpo.gc.ca>; McDermid, Jenni <Jenni.McDermid@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>; MacDonald, Craig <Craig.MacDonald@dfo-mpo.gc.ca>; MacIsaac, Shane <Shane.MacIsaac@dfo-mpo.gc.ca>; Breault, Jonathan <Jonathan.Breault@dfo-mpo.gc.ca>; Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>; Austin, Dave <Dave.Austin@dfo-mpo.gc.ca>
Subject: RE: DMP Annual meeting

Bonjour,
Sorry for all the e-mails as I am trying to accommodate the largest number for attendance as possible. ☺

Can you give me your availability for the following dates:

February 19th to 21st

March 6th (NB March Break)

March 14th

March 19th to 21st

Merci!

Monique

Monique Dupuis

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Many thanks!

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From: Dupuis, Monique

Sent: January 14, 2019 11:05 AM

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Cc: Chiasson, Philippe <Philippe.Chiasson@dfo-mpo.gc.ca>
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Bonne journée!
Monique

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Dupuis, Monique

From: Dupuis, Monique
Sent: January 14, 2019 11:07 AM
To: Hachey, Carole M
Subject: FW: DMP Annual meeting

Allo,
Est-ce que tu voudrais participer? Est-ce que tu as besoin de discuter des choses concernant les désignations des observateurs ?

Bonne journée !
Monique

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Dupuis, Monique

From: Dupuis, Monique
Sent: January 14, 2019 11:06 AM
To: Comeau, Sandra J
Subject: FW: DMP Annual meeting

Tu n'étais pas sur la liste de participants à la dernière réunion, mais puisque tu mentionnes cette réunion dans un courriel précédent, je t'envoie l'information.

Merci !
Monique

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Leger, Liette

From: Massiera, Josiane
Sent: Tuesday, November 27, 2018 6:13 PM
To: LeCouffe, Marc; LeBlanc, Carole L; Legere, Luc; Comeau, Sandra J; Pumphrey, Ronald; Dwyer, Alan; Coleman, John WK; Moore, Benjamin; Belliveau, Ron; St-Coeur, John; Leblanc, Arthur; Gillespie, Glen; Petersen, Krista; Rondeau, Amélie; Hardy, Matthew A (Moncton); Chiasson, Mireille; MacLachlan, Mark; Amirault-Langlais, Diane; Mallet, Manon; Doiron, Daniel; Cuddy, Lori; Leger, Suzanne; Savoie, Christina; Gaudet, Mario; Akaishi, Fabiola
Subject: FW: DOCUMENTS-PART 1 for sGSL Lobster Advisory Committee on Dec. 4-5, 2018 / Partie 1- Comité consultatif du homard du sGSL le 4 et 5 décembre, 2018
Attachments: REVISED AGENDA sGSL Lobster Advisory-Comité consultatif du homard-Dec4-5 2018.pdf; 2. MINUTES-LOBSTER SGSL Advisory Committee-January 11 2017-EN.pdf; 2. PROCES VERBAL-HOMARD Comité consultatif du sGSL Janvier 11 2017-FR.pdf; 3. Updated ToR sGSL Lobster Advisory Cttee-Mise à jour du Cade de référence-Homard sGSL-BIL.pdf; 4.1 Conservation & Protection-Lobster Homard 2018-BIL.pdf; 4.2 ECONOMIC Overview-Lobster 2018-EN.pdf; 4.2 Economic Presentation-Lobster Homard 2018-BIL.pdf; 4.2 Survol ECONOMIQUE-Homard 2018-FR.pdf; 7.1 Review of points from 2017-EN.pdf; 7.1 Révision des points de 2017-FR.pdf; 7.2 Catch monitoring presentation Lobster 2018-EN.pdf; 7.3 ELOG Presentation-Lobster 2018-EN.pdf; 7.3 JB Electronique présentation-Homard 2018-FR.pdf

This was just sent to industry – PART 1.
Josiane

From: Massiera, Josiane
Sent: November-27-18 6:06 PM
To: Massiera, Josiane
Subject: DOCUMENTS-PART 1 for sGSL Lobster Advisory Committee on Dec. 4-5, 2018 / Partie 1- Comité consultatif du homard du sGSL le 4 et 5 décembre, 2018

Documents – Part 1 attached. / Documents – Partie 1 ci-joints.

From: Massiera, Josiane
Sent: November-23-18 3:34 PM
To: Massiera, Josiane
Subject: RE: sGSL Lobster Advisory Committee on Dec. 4-5, 2018 / Comité consultatif du homard du sGSL le 4 et 5 décembre, 2018

Message en français qui suit

Hello,
Please find attached, the revised agenda for the Lobster sGSL Advisory Committee. Documents will follow early next week.

You will notice that we added a two hour time slot to join in by telephone DFO's technical briefing on the North Atlantic Right Whales that will be taken place in Montreal the morning of December 4th. The National Marine Mammal Peer Review Committee (NMMPRC) will be conducting a scientific peer-review of North Atlantic right whale (NARW) occurrence and risk of interactions with fishing gear and collision with vessels on November 25-30, 2018. The results of this scientific peer review will help inform future management and conservation

measures for NARW in Canada. Recognizing that there is significant interest in issues pertaining to the NARW from the fishing and shipping industry, DFO Sciences Sector will be providing a Technical Briefing to share information on the key scientific findings from this peer review. *(Please note that this is not a consultation of future management measures rather a briefing on the key results from this scientific peer review.)*. By allowing this time in the agenda, all the participants to the Lobster Advisory Committee will have the opportunity to receive the information that will be provided by this Technical Briefing.

Bonjour,

Veuillez voir ci-joint l'agenda révisé pour le comité consultatif du homard du sGSL. Les documents vont suivre au début de la semaine prochaine.

Veuillez noter que nous avons ajouté une période de deux heures afin de joindre par téléphone la séance d'information technique sur la baleine noire de l'Atlantique Nord. Le Comité national d'examen par les pairs sur les mammifères marins (CNEPMM) effectuera un examen scientifique de la présence de la baleine noire de l'Atlantique Nord (BNAN) et du risque d'interactions avec les engins de pêche et de collision avec les navires du 25 au 30 novembre 2018. Ces informations scientifiques aideront à éclairer les futures mesures de gestion et de conservation de la BNAN au Canada. Étant donné que les industries de la pêche et du transport maritime s'intéressent de près aux questions relatives à la BNAN, une séance d'information technique par le Secteur des sciences du MPO aura lieu afin de faire part des principaux résultats de cette revue aux intéressés. *(Veuillez noter qu'il ne s'agit pas d'une consultation concernant des mesures de gestion futures, mais bien d'une séance d'information sur les principaux résultats de cette revue scientifique)*. En permettant ce temps dans l'agenda, tous les participants au comité consultatif du homard pourront recevoir l'information qui sera fourni par cette session d'information technique.

Josiane

From: Massiera, Josiane

Sent: November-07-18 1:30 PM

To: Massiera, Josiane

Subject: sGSL Lobster Advisory Committee on Dec. 4-5, 2018 / SAUVEZ LA DATE: Comité consultatif du homard du sGSL le 4 et 5 décembre, 2018

s.20(1)(c)

Message en français qui suit

The agenda for the Lobster sGSL Advisory Committee is attached. Documents will follow.

Note that the meeting will now take place **December 4th (9:00 am to 4:30 pm) and December 5th (8:30 am to noon) at the DELTA Hotel Moncton**, located at 750 Main St., Moncton, NB. There is a block of room at the Delta Hotel put aside under "Fisheries and Oceans-Lobster" until November 22 at a rate of [REDACTED].

Fisheries and Oceans Canada would also like to advise you that a Gulf Region Gear-Based Workshop on U.S. Marine Mammal Protection Act (MMPA) Import Provisions will take place on December 6, 2018 (all day) at the same venue. The invitation will be sent out by Ottawa shortly.

Veuillez trouver ci-joint l'ordre du jour pour le comité consultative du homard du sGSL. Les documents vont suivre. Notez que la réunion aura maintenant lieu e **4 décembre (9h00 à 16 h 30) et le 5 décembre (8 h 30 à midi) à l'hôtel DELTA Moncton**, situé au 750 rue Main, Moncton, N.-B. Il y un bloc de chambres à l'hôtel Delta qui a été mis de côté sous « Fisheries and Oceans-Lobster » jusqu'au 22 novembre à un taux de [REDACTED].

Pêches et Océans Canada aimerait vous aviser qu'il y aura un atelier des engins de pêches de la Région du Golfe sur le U.S. des provisions d'importations du Marine Mammal Protection Act (MMPA) le 6 décembre 2018 (toute la journée) au même endroit. Une invitation vous sera envoyé par Ottawa bientôt.

Josiane

From: Massiera, Josiane

Sent: October-09-18 10:04 AM

To: Massiera, Josiane

Subject: FW: SAVE the DATE: sGSL Lobster Advisory Committee on Dec. 4-5, 2018 / SAUVEZ LA DATE: Comité consultatif du homard du sGSL le 4 et 5 décembre, 2018

Message en français qui suit

Fisheries and Oceans Canada (DFO), Gulf Region, will be holding a Lobster Southern Gulf of St. Lawrence Advisory Committee on December 4th (8:30 am to 4:30 pm) and December 5th (8:30 am to 3:00 pm) at the Crowne Plaza Downtown Moncton (Ballroom), located at 1005 Main St., Moncton, NB.

We are asking stakeholders to provide suggested agenda items to Josiane Massiera by email: Josiane.Massiera@dfo-mpo.gc.ca before October 31, 2018. The agenda will be shared after that date.

The Terms of Reference of the Committee are attached. Thank you!

Pêches et Océans Canada (MPO) tiendra le prochain Comité consultative du homard du sGSL le 4 décembre (8 h 30 à 16 h 30) et le 5 décembre (8 h 30 à 15 h 00) au Crowne Plaza Downtown Moncton (Salle Ballroom), situé au 1005 rue Main, Moncton, N.-B.

Nous demandons aux intervenants de fournir des suggestions pour les points à l'ordre du jour par courriel à Josiane Massiera : Josiane.Massiera@dfo-mpo.gc.ca d'ici le 31 octobre 2018. Un agenda sera partagé après cette date.

Le mandat du comité est joint.

Merci !

Josiane Massiera

Regional Senior Fisheries and Aquaculture Management Officer | Agent principal régional, Gestion des pêches et de l'aquaculture

Resources Management | Gestion de la ressources

Fisheries and Aquaculture Management Branch, Gulf Region | Gestion des pêches et de l'aquaculture, Région du Golfe

Fisheries and Oceans Canada | Pêches et des Océans Canada

343 avenue Université Avenue

P.O. Box 5030 | C.P. 5030

Moncton NB | N.-B. E1C 9B6

Josiane.Massiera@dfo-mpo.gc.ca

Telephone | Téléphone 506 - 851-7290

**Southern Gulf of St. Lawrence Lobster (SGSL)
Advisory Committee meeting
December 4-5, 2018
Moncton Delta Beauséjour - Ballroom A**

AGENDA

**Réunion du comité consultatif du
homard du sud du golfe du Saint-Laurent (SGSL)
Le 4 et 5 décembre, 2018
Delta Beauséjour Moncton – Salle A**

ORDRE DU JOUR

**Each session be followed by a
question/answer/discussion period**

Tuesday December 4, 2018

8:30-9:45 AM [M. Lecouffe]

- 1. Introductions/Opening Remarks**
- 2. Approval of 2017 Meeting Notes**
- 3. Approval of updated ToR**
- 4. Questions on previously circulated decks:**

4.1 Conservation & Protection [R. Belliveau]

4.2 Economic Overview [M. Maclachlan]

9:45-10:30 AM [A.Rondeau]

- 5. Sciences Stock Status Update**

10:30 AM-12h:30 PM [Conference-call]

- 6. Technical Briefing from the peer review on North Atlantic right whale (NARW) occurrence and risk of interactions with fishing gear and collision with vessels**

12:30 PM-1:30 PM – LUNCH (not provided)

**Chaque session sera suivi d'une période de
questions/réponses/discussion**

Le mardi 4 décembre, 2018

8h30-9h45 [M. Lecouffe]

- 1. Présentation/ mots d'ouverture**
- 2. Approbation du sommaire de la réunion de 2017**
- 3. Approbation du Cadre de référence à jour**
- 4. Questions sur les présentations circulées d'avance :**

4.1 Conservation & Protection [R. Belliveau]

4.2 Economic Overview [M. Maclachlan]

9h45-10h30 [A.Rondeau]

- 5. Sciences - Mise à jour de l'état du stock**

10h30-12h30 [Conference-call]

- 6. Séance d'information technique de l'examen scientifique de la présence de la baleine noire de l'Atlantique Nord (BNAN) et du risque d'interactions avec les engins de pêche et de collision avec les navires**

12h30-13h30 – DÎNER (non fourni)

**Southern Gulf of St. Lawrence Lobster (SGSL) Advisory Committee meeting
December 4 & 5, 2018
Moncton Delta Beauséjour - Ballroom A**

AGENDA

**Réunion du comité consultatif du homard du sud du golfe du Saint-Laurent (SGSL)
Le 4 et 5 décembre, 2018
Delta Beauséjour Moncton - Salle A**

ORDRE DU JOUR

DAY 1 (December 4, 2018), continued	JOUR 1 (le 4 décembre, 2018), suite
1:30 PM-4:30 PM (with Break)	1h30-16h30 (avec Pause)
7. Strategic Outlook	7. Regard Stratégique
7.1. Review of points from 2017 and follow-up [J. Massiera]	7.1 Révisions des points de 2017 et suivi [J. Massiera]
7.2. Catch Monitoring [L.McNeill]	7.2 Surveillance de prise [L.McNeill]
7.3. Electronic logbook [I. LeBlanc]	7.3 Journal de bord (JB) électronique [I. LeBlanc]
DAY 2	JOUR 2
<u>Wednesday December 5, 2018</u>	<u>Le mercredi 5 décembre, 2018</u>
9:00 AM-9:30 AM [G. Irvine]	9h00-9h30 [G. Irvine]
8. Lobster Council presentation on North American Right Whale Communications Project	8. Lobster Council présentation sur le projet de communication pour la baleine noire de l'Atlantique
9:30 AM-12:00 PM [J. Massiera]	9h30 -12h00 [J.Massiera]
9. Management Measures	9. Mesures de gestion
9.1 Updated Integrated Fisheries Management Plan (IFMP)	9.1 Mise à jour du plan de gestion intégré de pêche (PGIP)
9.2 Species at risk wolfish identifications (ID card) and logbooks [Fabiola Akaishi]	9.2 Identification des loups de mer pour les espèces en péril (cartes) et JB [Fabiola Akaishi]
9.3 2018 new reporting (lost gear, whales, marine mammals, etc.)	9.3 2018 nouveaux rapports (engins perdus, baleines, mammifères marins, etc.)
9.4 Gear markings	9.4 Marquage de corde
9.5 Season Opening/Closing – Guidelines	9.5 Ouverture/fermeture de la saison - Lignes Directrices
9.6 Other : United States <i>Marine Mammal Protection Act</i> information	9.6 Information sur le Marine Mammal Protection Act des États-Unis
12:00 PM [M. Lecouffe]	12h00 [M. Lecouffe]
10. Closing remarks	10. Mots de la fin

EKME : 3728600

Southern Gulf of St. Lawrence Lobster Advisory Committee Meeting Notes – January 11 and January 12, 2017

Main Table Participants

Marc LeCouffe (chair) – Department of Fisheries and Oceans (DFO), Resources and
Aboriginal Fisheries Management
Josiane Massiera – DFO, Resource Management
Amélie Rondeau – DFO, Sciences
Mark MacLachlan – DFO, Strategic Services
Kent MacRae – DFO, Conservation and Protection (C&P), PEI
Emmanuel Sandt-Duguay – Commercial Fisheries Liaison Coordinator (CFLC),
Association de gestion halieutique Mi'gmaq et Malécite (AGHAMM) and Gespe'gewaq
Mi'gmaq Resource Council (GMRC)
Bobby Jenkins – Prince Edward Island Fishermen's Association (PEIFA) 26A
Laura Ramsay – PEIFA
Ian MacPherson – PEIFA
Craig Avery – PEIFA
David Lewis – PEIFA LFA 24 chair
Lee Knox – PEIFA LFA 25 Rep
Ed Frenette – CFLC, Mi'kmaq Confederacy of Prince Edward Island (MCPEI)
Roger Sark – Abegweit, PEI
Emily Bernard – Lennox Island, PEI
Jordan Crane – Native Council of PEI
Tim Martin – Native Council of Nova Scotia
Robert MacMillan – PEI Department of Agriculture and Fishery
Louis Ferguson – NB Department of Agriculture, Aquaculture and Fisheries
Jonathan Lowe – NS Department of Fisheries and Aquaculture
Carl Allen – Maritimes Fishermen's Union/Union des Pêcheurs des Maritimes
(MFU/UPM)
Gaston Mazerolle – MFU/UPM
Michel Richard – MFU/UPM
Gaëtan Robichaud – MFU/UPM
Emmanuel Moyen – MFU/UPM
Martin Mallet – Homarus (MFU/UPM)
J. Leonard LeBlanc – Gulf Nova Scotia Fishermen's Coalition
Ron Heighton – Northumberland Fishermen's Association
Gordon Beaton – MFU Local 4, Nova Scotia
Wayne MacLellan – Inverness South
Brendan Doyle – Gulf Nova Scotia Bonafide Fishermen's Association
Brian Adams – North of Smokey Fishermen's Association
Les Ginnish – CFLC, Anqotom
Jason Keoughan – Buctouche First Nation
Clark Dedam – Esgenoôpetitj First Nation

EKME : 3728600

DFO Side Table Participants:

Michel Comeau – DFO, Sciences
Pierre Bélanger – DFO, Aboriginal Fisheries
Luc Légère – DFO, Eastern NB Area
Leroy MacEachern – DFO, Gulf NS Area
Stéphanie Hopper – DFO, Strategic Services
Sandra Comeau – DFO, Eastern NB Area
Chris Mills – DFO, PEI Area
Ginette LeBreton/Krista Peterson – DFO, Communications
John St.-Coeur – DFO, Eastern NB, C&P
Carole LeBlanc – DFO, Resources Management

Observers: Around 25 observers

1. Welcome/Opening Remarks

DFO opened the meeting and welcomed everyone to the meeting. The southern Gulf of St. Lawrence Lobster Advisory Committee meets every three years to discuss the lobster fishery and provide advice to DFO on the management of the lobster fishery in the lobster fishing areas (LFAs) 23, 24, 25, and 26.

The chair asked if anyone wanted to add items to the agenda (Tab 1) that was sent to committee members prior to the meeting. No items were added.

2. 2013 Meeting Notes (Tab 2)

The 2013 meeting minutes were approved. There were several members that suggested that this advisory committee meet annually. The chair responded that they would take the request into consideration and get back to the committee.

3. Economic Overview (Tab 3)

Mark MacLachlan, DFO Strategic Services, provided an economic overview presentation that included summary of American lobster world landings over 10 years (2005-2014), exports, number of licences issued in 2016, Gulf Region landings and landed price.

There was a question on the number of commercial communal licences in LFA 24, which was corrected after the presentation was sent. It was verified and the correct amount is 34 not 64.

There was a question on prices for market versus canner and whether a higher volume of market size influenced prices. DFO responded, as an assumption, that this one

factor may affect prices, especially when there is a jump from the previous years and if the market is not prepared. There was a slightly faster increase in the market volume growth than the canner volume. It was mentioned that the canner ratio was going up and the market ratio was going down in 2016 in the LFA 25 PEI area.

4. Conservation and Protection (C&P) (Tab 4)

Kent MacRae, DFO C&P, provide a presentation on the review of the 2013-2015 lobster fisheries. A number of questions were asked throughout the presentation:

- Q. Have you noticed in the last few years more illegal fishing outside the regulated season? Have you seen more poaching?
- A. There has been a bit more poaching in PEI this year, but not as much as in NB. Outside the commercial fishery, we do not notice an increase in poaching, but last year, we noticed an increase in poaching during the commercial fishery by people that were not licenced. It was an issue that C&P looked at and there were several charges and seizures of trucks and vessels, especially in one sector in particular.
- Q. Registration/License: 2013: 30; 2014: 143; 2015: 284, why such an increase, is this because of NOLS?
- A. No, do not think it is because of NOLS. Can't answer now, but we will do a research to find out.

ACTION: Ron Belliveau (C&P) to verify why such an increase in registration/license

FOLLOW-UP: In 2015, there was an increase of log book not being properly filled out and tag list numbers issued were not being entered in the licence portion as required.

- Q. Does the Court provide a consistent approach in the Region?
- A. No, it depends on the judge. We can provide the judge with information on the fines from different Courts, but he/she has the final decision.

Q. In 26A and 26B, have there been any line infractions outside a management areas or sub-zones?

A. There was one PEI licence holders, but not sure if it was when the sub-management areas were created. There have been some rock crab violations this year and C&P seized gear over the line when LFA 25 was open they were fishing over LFA 26. However, I am not aware of any charges.

FOLLOW-UP: Upon further verification, that there was also a lobster violation detected by PEI a Fishery Officer. The fisher was from New Brunswick.

Q. If the person did not report lost tags, will DFO charge them for fishing outside the season? I understood from a meeting in Nova Scotia that the person should report his lost gear and ask permission to at least attempt to find that gear. If not, the C&P officer could charge him for fishing outside the season if they retrieved the gear later.

A. That is a local approach, there is nothing wrong with that approach, but it is not used in PEI. Local conditions will dictate what Fisheries Officers (FOs) can do.

Q. Is Restorative Justice being implemented at all in the Region?

A. There has been some work done in PEI who is the lead for the Region. There was a Memorandum of Understanding (MOU) submitted by MCPEI for approval by the Chiefs and Councils. We are hopeful it will go through. The next steps would be for C&P to develop some standards procedures for how to proceed with the file and work with MCPEI for bringing people into a sentencing circle or other types of restorative justice. However, nothing precludes us to use Restorative Justice for everybody. It's commonly used in British Columbia (BC) for habitat, First Nations, commercial and recreational fisheries, even for contaminated relay fisheries. We are starting with the Aboriginal communities because they are more open to it. PEI courts are very receptive to doing this and have already ordered us to do this once.

Q. About consistency, I see that charges in NB are \$1,000 and losing 10 days, but in PEI it's only \$500, which is the cost of doing business. Is there any plan in being more consistent?

A. As mentioned previously, it is up to the Court, not the Department or the politicians to determine the amount of the fines. DFO is trying to show the Court what are the fines from other areas; the Department have also used Victim Impact Statements. But in the end, it's up to the judge. We are relying on willingness of industry (i.e. fishermen's associations, port authorities, etc.) to come forward.

ACTION: PEIFA requested an update on C&P staffing. Request for more C&P officers, there was a big impact when small detachments were closed.

FOLLOW-UP: Presently, C&P has approx. 98 fishery officers + 3 new recruits that will be working in the Gulf Region. If needed, fisheries officers can be deployed in areas where issues arise. C&P is doing more Intel base enforcement, not seeing a fishery officer every day at dockside does not mean that the resource is not being protected. C&P conduct patrols by air, mid-shore vessels, program vessels, and by vehicles.

5. Sciences Stock Assessment Update (Tab 5)

Amélie Rondeau, DFO Science, provided an update on the SGSL Lobster Stock Assessment. There were several questions during the presentations:

Q. Was industry invited to the 2016 stock update?

A. No, because this process was done internally since it was just an update, there were no discussions on adding new indicators or doing anything different. It was just to add more years to the data.

Q. Can you tell me what the difference between management zones and sub zones?

A. The sub regions presented here are solely used by Sciences some of those are not defined legally. LFA, sub-LFAs and Management zones are used for the management of the fishery.

Q. I understood that the Department is looking at other indicators than landings as proxy of biomass. Are you optimistic that this could be implemented sometimes in the not so distant future?

A. Yes, we are looking at other indicators that would be more robust and not so depending on the management regimes. As far as for the current precautionary approach, we are far from the Upper Stock Reference Point and so in a very healthy place.

Q. Could there be trawl surveys in LFA 24, 26A and in LFA 25 on PEI side? It is not fair that fishers are helping doing bio-collectors data and are missing out on trawl surveys which are done in other areas.

A. There are limitations based on resources and on the vessel availability, plus in some areas, we cannot trawl because the bottom is too rough. For LFA 24, it is covered by the annual September multi-species survey and data on lobster could be looked at. Initially, the lobster trawl survey was put in place because of a problem in Northumberland Strait, but now that we see that it's going well, maybe there is no need to expand this survey elsewhere.

Q. Your graph for LFA 25 are not showing landings going down, but in 2015 they went down around 3%, can you explain that?

A. The trawl survey follows the same protocol (same gear, same duration of tow, same area) and is not solely based on catchability like in your fishing landings which is depending on bait, location of traps, etc. The fluctuations you are seeing in your landings might not be the exact same as in our fishery-independent indicators. Our indicators might not capture the 2, 3, 5 % difference, but these type of indicators are still good for trends.

ACTION: Send out the graph showing the density of sub-legal size lobster modeled from the trawl survey in the Northumberland Strait, which was in the presentation but not in the Science Response report.

FOLLOW-UP: The entire presentation was sent to the participants.

Q. Can you clarify what are sub-legal lobsters; is it young-of-the-year too?

A. It is all lobsters under the minimum legal size that year, so if there were adjustments to be done they were included; with the trawl survey we get lobsters down to 30 mm in carapace length.

Q. In 2016, with the trawl survey, did that show recruitment in that area of LFA 26A - Central Portion of Northumberland Strait?

A. No, not in that area, so we are keeping an eye on it. Landings are better, but recruitment are not showing as much of a positive signs.

Q. What sort of data is available for the very northern part of the Gulf?

A. We do not have trawl or scuba data for LFA 26B North, but we are open to industry led collaboration on at-sea sampling and participation to the recruitment index program. We can provide training and materials for the at-seas sampling. We are at a point where we rely more on industry to provide data, which helps for the assessment of the stock. Scuba diving can hardly be done in that area because the slope is too steep.

Q. There are some concerns in the northern parts of the Gulf. Fishers observed that 90% of the catch was male lobsters and almost all commercial size (82.5 mm), so fishers are wondering what is going on there? We recommend doing more research in that area.

A. It is important to share this kind of information at advisory meetings or on a one on one basis. DFO Sciences door is always open. We do look at sex ratio because it is important for reproduction, so at-sea-sampling would be great for the LFA 26B North area, but we would need to discuss details on how to implement that.

Q. You mentioned there has been no trawl survey or scuba diving in LFA 26B North, but there has been a lot of recruitment index program, so there has been some data collection there.

A. Yes, the recruitment index program is very important and provides good information and allows a lot of coverage with fewer resources. So if people want to collaborate, in my view, the recruitment index program is the best way to do so.

Q. Would the department be open to add an acknowledgement to industry's contribution in the report?

2) Yes, it's a known fact that we rely a lot on industry collaboration and it should have been added in the report. We can correct this and add that acknowledgment for next time.

Q. Central Strait is still a problem, but we have seen in the Point Prim to Victoria (PEI) area that landings are really improving.

A. It is possible, we do not have the 2016 landings yet but from our SCUBA sampling, we do not yet see that recruitment is going up. In our data, we do not separate PEI and NS, so maybe there is a difference there and it might be something we could look at.

Q. Thanks to the Sciences team for that very important information. Have we done enough and what can we do more? If we do not do more, is it because of resources and is it something industry could help with?

A. Once we have indicators that work well which provides the essential information on stock, the most important is to maintain them. It is not useful to jump from one method to the other. It is important to have a solid base with a variety of indicators (i.e. commercial size, sub-legal size, recruitment, berried female, eggs production). We can always meet to discuss further collaboration, provide training and materials. There is a wind of change in the department for Sciences to provide us with better

resources and tools. At one point, we will need to meet to discuss in a group what we are ready to do for the good of the lobster stock. It is important to have a solid base and not just piece by piece in order to have a long term plan and be able to have a solid long temporal data series.

6. Collaborative Project on Bycatch (Tab 6)

Amélie Rondeau, DFO Science, presented the results of a collaborative project on bycatch.

It was noted that Sciences will be conducting a telephone survey in this Winter/Spring with lobster fish harvesters to obtain a pulse on how the fishery is going and to obtain information that we can't get elsewhere. DFO requested that representatives encourage their members and fellow fishers to answer the survey.

In summary:

- ⊙ Most prevalent bycatch groups are non-legal lobster followed by male rock crab and cunner
- ⊙ No mortality during survival observations
- ⊙ Very little variation in the vitality
- ⊙ Average sorting time for a trap of <1 minute
- ⊙ From preliminary results; minimal risk of adverse effect on bycatch species from the lobster fishery
- ⊙ Continuous monitoring of bycatch not necessary

There were several questions and some statements made after the bycatch presentation:

Q. In the lobster bycatch, do you notice that rock crab is observed equally everywhere?

A. There has been an update on the stock status of rock crab which was done at the same time as the one for lobster. The report should be published shortly. The data on rock crab is very limited. The only data is from the fishery and is very dependent on the fishery factors such as price, interest to go fishing, etc. We know that LFA 25 and LFA 26A are the two areas with more fisheries and there is a trawl survey in these areas. But since 2010-11, the trawl survey gear is not set to capture rock crab. We can provide an overview of the fishery based on dockside monitoring data and logbooks, but there is not enough data to present a conclusion on the biomass or stock level.

It was stated by a member of industry that we should point out the positive collaboration all around. It was also mentioned that they thought that Marine Stewardship Certification (MSC) is not as controversial as first thought and it was positive that industry and DFO were able to collaborate scientifically. The member went on to encourage the other member of industry to communicate to MSC auditors

the positive things that are discussed here and let MSC know that they are not subject of MSC, but collaborators. It is important that MSC hear the good news about the lobster stock shared here.

Q. It is a known fact that the United States (US) stock is on an upswing. Is there any collaboration with them?

A. We know a bit more what is going on in Quebec or Nova Scotia, but we do our best to stay informed, especially if it is not going well. For example, we looked at the shell disease in Rhode Island and could not point the cause of the disease to one specific factor. We have not seen it emerged here. We do not work as a team on many aspects, but we have a broad collaboration through the Canadian Fisheries Research Network lobster node and through the bio-collectors or young-of-the-year settlement database, so we are sharing data. It is simply a combination of all the factors together (favorable environment conditions, management measures, better egg production, etc.) that have helped the stock do better.

Q. There were a couple of mentions about how we should be looking at the effect of Striped Bass on juvenile lobster in the future and if we could find out the biomass to see if there could be a small commercial striped bass fishery.

A. DFO is collecting data on Striped bass, but this is more for a discussion in the recreational fisheries forum.

Q. Rock crab is the main diet of lobster so we need to have the information on the biomass. If rock crab biomass is going down, rock crab licences are supposed to go out first, before the lobster bycatch. Can you share that information when you have it?

A. We do not have that data currently to answer that question and as of today, there is no plan to get that kind of data. It could change. The perception from the lobster fishers is that there is less rock crab, but in reality rock crab are able to escape more due to larger escape mechanisms put in place on the lobster traps in adjustment to the increases in the minimum legal size. The Rock Crab Stock Status report can be found at this link: http://www.dfo-mpo.gc.ca/csas-sccs/Publications/ScR-RS/2016/2016_053-eng.html

Q. The federal government announced that they would be putting back money for DFO Sciences (40 Million \$). Have we got any money yet? Are we going to get some of that money?

A. Yes, we are currently staffing vacant positions and are hiring 10 new positions in the Gulf Region in additions to other positions in other regions. These positions comes with additional funding, there is millions of dollars coming through different mechanisms, partnerships and so forth, so yes the money is flowing in the department.

Q. On the bycatch you were retaining sub-legals, can you provide more information on this?

A. Lobster as you know is a very resilient species and can survive well out of the water. All lobsters observed for a 10 minutes period were put back in the water with no problems. However, we did not try with berried female not to compromise the eggs survival. We also looked at injuries but they were very low.

Q. What should be done for adequate monitoring of rock crab and how can we get the funding to do it?

A. Lobster feeds on very small rock crab (not on commercial size) so the directed fishery is not impacting the food of lobster. If we want to do more research on rock crab, we could do a trawl survey. This was working very well in 2010 and 2011. It was providing a lot of biological information (size-weight relationship, sex ratio, size at sexual maturity, we confirmed that for rock crab male), but we had not enough time prior to the 2013 stock assessment to do a complete biomass analysis with the 2010-2011 data. We could redo it with more time so we can come up with biomass estimate for rock crab. If we would keep it to LFA 25 and 26A were most of the rock crab fishery is, it would provide a good pulse of what is going on. We would need to adapt the current trawl survey to capture rock crab, this comes down to priority as this would affect the capture of other species.

Q. Can we get a commitment from Sciences and from the table to put a lot of emphasis on the Central Strait area where the stock is still not doing well to bring it back somehow?

A. We are currently monitoring the area. We have participation in the recruitment index program; we have the SCUBA survey and the trawl survey. I see it as the exception. There seem to have suitable habitat for lobster and there has been efforts in term of management of the fishery. But for one reason or another, there is no lobster and I can't explain why. In my opinion, we are putting effort there and I don't see how much more we can do, except for increasing coverage or sampling intensity. It's something we could discuss together.

Q. In terms of the 10 new positions how many are for Sciences and how many related to lobster and rock crab?

A. The positions are all for sciences. In fact one person in a research position should start in a few weeks and will help for the data analysis. There will also be positions related to oceanography, animal health, and anadromous species.

Q. You talked about doing another trawl survey for rock crab since it has been 5 years. What would you need to do this and what resources would it take? Is there something that could come out from this table to make it a priority?

A. The current trawl survey is multi-species and provides information on lobster but also on other species, so it depends on priorities. If we want to do a trawl survey for rock crab, we need to change the gear on the current trawl, but that would mean stopping capturing other species, so this would need to be discussed at the division level to see if those species could skip a few years of data.

Q. For the rock crab, couldn't we operate like with lobster but with modified lobster traps that could capture everything to give us an idea on recruitment?

A. Yes, we could look at it. In 2010, we had done a study with a liner on the traps to retain females and juveniles. Traps are a passive gear so you are only capturing a portion of the population and therefore would not reflect the entire population. Also in 2010 the traps were full to the top and so it was difficult to sample them all, even when reducing the number of traps from 15 to 5, we had more than 1000 crabs to measure, which was too much. Maybe we can discuss on how we can adjust the approach to come up with something more manageable that would provide the information needed.

Q. With bio-collectors on young-of-the year for lobster, what is the data showing on crab young-of-the-year on these collectors?

A. Yes, we do collect that information and it will be in the rock crab report, but it provides mixed signals. The best sign for recruitment of rock crab is on the north side of PEI and the worst is in the Northumberland Strait where the fishery is more intense but it is just a snap shot. We need to figure out what to do with that information. We do not have an as long time series as lobster on this, so we need to be careful when interpreting the information.

7. Decision Rules Working Group update and Next Steps:

Carole LeBlanc, Resource Management DFO, provided a presentation on the proposed harvest decision rules (HDR) recommended by the working group. The proposed HDR are the results of discussions and meetings held with the working group (WG). Members included Aboriginal organization representatives, industry and provinces. The Fisheries Decision-Making Framework incorporating the Precautionary Approach (PA) main components include establishing reference points to delineate the Healthy, Cautious and Critical zones as well as define pre-agreed harvest decision rules and management actions within each status zones. Based on recent stock assessments, the lobster in the SGSL is well within the healthy zone and is at historical high levels. Harvest decision rules are established not only meet DFO's mandate but fulfills industry's requirement to meeting the Marine Stewardship Council (MSC) Certification conditions. It was noted that the PA is guided by the principle of respecting Aboriginal rights and HDR do not supersede food, social and ceremonial fishing rights. Once the stock declines below the Upper Stock Reference points (Cautious Zone) there is a need to reduce exploitation rates to help move stock in the healthy zone. HDR are a temporary measure until stock return to the healthy zone. It was also noted that Science is already working on stock status indicators to establish new stock reference points independent of landings.

The chair asked members if they had questions and requested that each member provide their position vis-à-vis the proposed HDR. A series of questions were asked following the presentation to seek further clarification.

Q: How much time will it take before we realize that we are within the Cautious Zone?

A: As the reference points are based on landings, we would only know after the fishing season is completed that we would be within the Cautious zone.

Q: During the initial meeting, the working group was reviewing a toolbox, why was that not used in the latest version of the HDR?

A: DFO responded that the WG was created to have industry at the table to develop the HDR. During our last WG meeting, it was decided not to use the toolbox. However, if the stock reaches the cautious zone, the tool can be used as a decision tool to identify the best management measures to meet the targeted reduction in fishing effort. Each LFA may require different management measures.

An industry member suggested that the first step would be consultations, but that he would like to see in the HDR the acknowledgment that there are difference management measures in different LFAs and that this should be taken into consideration during the planning of actions for year 2. DFO responded that this is why there will be a sciences assessment before taking any actions. The assessment will note the difference between areas.

ACTION: add a bullet to show that based on the sciences assessment, the actions taken could be different in each LFA.

Follow-up: A bullet was added in the HRD Summary Document.

One member mentioned that industry should pay particular attention to the HDR and understand the implication. He questioned how the reference points were developed. DFO responded that the reference points for the lobster stock were developed in a science peer review process in 2013 with industry and external reviewers. The stock USR is the average (mean) 1974-2009 landings. For the PA, the SGSL stock has one indicator. For the various issues within each LFA, that can be dealt with on a day-to-day management regime. The PA and day-to-day management are two separate processes. PA is an emergency plan.

Some agreed that the concept is great however some were not convinced that the catchability is the right tool to evaluate the stock as we only receive the data after the fishery is concluded. DFO responded that the reference points are best based on long term trends and landings are the best available information that we have. The PA framework and HDR dictates how DFO and industry will proceed and modify management measures to allow the stock to bounce back. However, if we see signs of declines in only one LFA, that can be addressed with day-to-day management for that particular LFA.

There were questions on the Integrated Fishery Management Plan (IFMP). DFO responded that the IFMP is evergreen meaning a live document and can be update as required.

There was a question on what happened in 1983 that it went from the cautious zone to the healthy zone. DFO responded that additional management measures have been put in place in the past 30 years. Since 2000, environmental conditions and

management measures are creating good conditions for lobster stock growth. The reference points are based on long term trends from 1974-2009 landing data, where parameters and harvesting effort were judged to be equivalent.

Representatives of an Aboriginal organization expressed that the wording for harvest decision rules should separate the commercial fishery and the Food, Social and Ceremonial (FSC) fisheries as per the Sparrow decision. DFO responded that HDR does not supersede Aboriginal rights.

The Chair responded that based on discussions with the Advisory Committee that the following proposed modification will be made to the HDR: add wording for consultation with Aboriginal organisations and industry and add wording the FSC will be the last affected in the cautious zone.

The Chair requested that a round table take place so that members can express their opinions on the proposed HDR and PA framework.

Clark Dedam (Esgenoôpetitj) – It is nice to see that DFO is proactive. We would like to sit down go over the issue to determine what we are going to do. We agree with the approach.

Jason Keoughan (Buctouche First Nation) – He agreed with the approach but more discussions should occur on the FSC rule. He agreed with the direction.

Les Ginnish (CFLC Angotum) - He agreed with the approach.

Brian Adams (North of Smokey Fishermen Association) – He agreed. He would like to see that consultations are added in and that as long as it is clear that the actions will not be forever.

Brendan Doyle (Gulf Nova Scotia Bonafide Fishermen Association) – Adequate consultation should take place prior to making a decision.

Wayne MacLellan (Inverness South Fishermen Association) – He agreed with accepting it. He raised concerns with recent fish kills and what would happen in this particular situation given the proposed PA and HDR? DFO responded a decision will not be made based on one event. HDR will be implemented when landings crash and go below the caution zone.

Gordon Beaton (MFU local 4) – He supported the PA and scientific approach to the fishery. Parameters and tools used will need to be tracked.

Ron Heighton (NFA) – He expressed that he has hard time to support; maybe could support the concept, but does not support the numbers as there are many factors affecting the landings (war, scallop fishery, groundfish). DFO responded that Science is working on new reference points independent of the fishery.

Leonard LeBlanc (GNSFC) – He clarified that MSC is a marketing tool not a management tool. He supports with a precautionary yes.

Carl Allan (MFU) – He supports. The last time we were near the USR (in 2004), we put tough measures in. Depending on the rate of decline, we will have serious conversation on the fishery before reaching the cautious zone.

Jonathan Lowe (Province NS) – Support the precautionary approach as it is commonly accepted by industry. He does think that it is important to leave some flexibility and not be bound too deeply by wording. FSC clarification can be added.

Louis Ferguson (Province NB) – He supports this approach and agrees with Carl's (MFU) comments.

Robert MacMillan (Province PEI) – He supported the document with comments received.

Tim Martin (NCNS) – He agrees with the direction but would like to see the completed document before giving his acceptance.

Jordan Crane (NCPEI) – He supports the direction but would like to see more conversation on FSC and tools.

Ed Frenette (MCPEI) – Accepts principles involved, predicated by the proper and meaningful consultations. He is eager about new reference points.

Lee Knox (PEIFA LFA 25) – He supports with the understanding that each LFA can be managed individually and he agrees that we will be doing actions way before reaching cautious line.

David Lewis (PEIFA LFA 24) – He agrees with approach and is looking forward to see a new indicator.

Bobby Jenkins (PEIFA 26A) – WG had a lot of things presented and he is of the same opinion that we will do everything in our power not to go in the cautious zone.

Emmanuel Sandt-Duguay (AFHAMM and GMRC) – Supports the approach with the addition of FSC in the cautious zone.

Devin Ward (MIT) – He indicated that it is great to have these conversations at time of abundance of the fishery. He supports and agrees with the development of reference points independent of fishery.

Next Steps: Revisions will be made to the document to reflect some comments. The document will be shared with the Advisory Committee members. DFO will then seek approval by the Minister and incorporate the PA and HDR into the IFMP. DFO thanked the member of the WG.

8) Marine Conservation Targets

Marie-Hélène Thériault, DFO's Oceans Program, provided a presentation on marine conservation targets (MCT) and Oceans initiatives. Participants had numerous questions in regards to the various initiatives. PEIFA indicated that they have been engaged on this process. The information seems to be consistently changing. It was mentioned that another area of interest may be identified but nothing has been divulged. DFO answered that information will be shared in the next few months.

Q. Is the Shediac Valley still an Area of Interest?

A. DFO responded no. Areas of interest are being evaluated in other regions (i.e. American Bank and St. Ann's Bank).

Q. PEIFA requested a copy of the wording of the scallop buffer zones and asked whether they would count towards the MCT targets? We have been asking the question for the past year and a half with no response.

A. DFO will get back to them.

Q. Is DFO looking at a specific species for possible long term closures?

A. DFO is evaluating all fishing closures against certain criteria. There may be future area closures to protect coral and sponges.

Q. MFU mentioned that during consultations and informal discussions, he requested further clarification on the use of selective gear be used in a Marine Protection Area (MPA).

A. It depends on the conservation objectives. Once they are identified, DFO will develop management measures within a MPA. It does mean a 'No take area'. DFO mentioned that there are proposed regulatory changes to the Oceans Act to make the process faster. It will mean implementing a two stage approach to identify a MPA.

Q. Are there any coastal areas being examined for potential MPAs?

A. Nothing coastal was being examined at this time.

Q. Will the draft list of fisheries closures be shared with industry?

A. We can share the inventory of all fisheries closures. These were passed through criteria and a small list has been sent to National Headquarters for further evaluation. This short list cannot be shared.

Q. NS Coalition asked when we would know the management measures that are proposed to be put in place in the new AoIs?

A. Management measures will be shared with the industry for their input once we have conducted a complete overview of the site (i.e. ecological and socio-economic overview), developed the regulatory approach statement which includes formulating conservation measures, undertake a risk analyses, developing a regulatory approach statement and consult with our partners on the regulatory approach statement. Throughout this process, interested parties will be kept informed and involved.

Q. NS Coalition asked if the precautionary approach referred to in the Oceans Act amendment is different than the precautionary approach used in fisheries management and will we get more information on the precautionary approach?

A. The precautionary approach (PA) in the *Oceans Act* is based on best available science and is different than the PA for fisheries management.

There is frustration among fishermen as there are a lot of questions and not many answers. DFO responded that targets were established in the Minister's Mandate letter and further information will reach industry shortly.

9) E-logs initiative update and tags

Daniel Doiron provided a brief presentation on the E-log initiative and tags.

ELOGS: The phased implementation for Elogs will be, as much as possible, a fleet wide approach. The PEIFA supports elogs as long as it is at no additional cost to fish harvesters as agreed in 2013. The software will be developed by a private third party under various formats (compatible with phones, laptops, etc.). Some expressed concerns with the costs (some believe that it would be 300-400\$ of additional costs) and are not in support. The exact costs are yet to be confirmed. The PEIFA indicated that they were frustrated to hear that developers are looking at technology that fishers do not have and this could incur cost for larger data plans on cellphone.

Industry stated that last time implementation was discussed, Elogs were on a volunteer phased-in approach now fear that it will be imposed. Concerns were raised that this will be rushed like NOLS and that they do not have the capacity to train everyone prior to implementation. There are concerns about cases when no cellular coverage is available and timing of when Elogs would be submitted.

Some agreed that more real time data for science and manager would be beneficial. Some expressed that we should move slowly and cautiously toward a national databank as similar large data system (NOLS and Phoenix) have incurred major issues. A member asked why the data could not be collected by buyers as the pilot project seemed to work well. Science responded that it had in fact worked well but the Department wanted to move towards a national approach. DFO also confirmed that buyers are not accountable to DFO but harvesters are with their conditions of licence.

TAGS: A member asked why replacement tags were not the similar color each year. DFO responded that it was to prevent stacking of tags. DFO also added that tag suppliers will follow a 3 year color cycle. The PEIFA thanked the Gulf Region for having implemented a different color original tag for lobster as of 2017. However, they suggested that they would like to take it a step further with a different color for each species.

A question was raised on the promptness that C&P receives the information on replacement tags. DFO responded that suppliers submit Excel spreadsheet to DFO whenever original or replacement tags are issued (daily if required) and that these are searchable.

10) Integrated Fisheries Management Plan (IFMP)

Josiane Massiera, Resource Management, provided an overview of the sections that will be updated in the IFMP in the next year. It was suggested to add information on the costs to harvesters in the socio-economic section. DFO responded that they follow a national template but this can be raised to the national level.

11) Current Management Measures

Josiane Massiéra, Resource Management, presented a table of all the management measures in each LFA. Lee Knox, LFA 25 Prince County PEI representative, requested that all LFAs in PEI should increase in carapace size at the same time. MFU requested that the escape mechanism at 43mm be mandatory instead of voluntary in LFA 25.

12) Strategic Outlook (DAY 2)

Marc LeCouffe, chair, opened the meeting with a summary of the United States of America (USA) *Marine Mammal Protection Act*. He indicated that the Department will be evaluating all fisheries that export in the USA. By 2021, we will need to demonstrate that comparable measures are in place to reduce incidental mortality of marine mammals and meet the USA requirements. A MFU representative asked whether DFO will impose placing markers on lines as he notes that there are minimal encounters with whales in the Northumberland Strait. DFO replied that we will need to evaluate the impact and that discussions are ongoing.

A member indicated that this subject was discussed at a Fishery Forum in Antigonish. Fishers are worried about the big costs to industry if new gear changes are to be imposed. DFO replied that the goal is not to have the same gear as the USA but comparable measures to protect marine mammals. PEIFA indicated that they did send a letter to the USA government. They have not received a response yet but will follow up. Primary concern is that they do not want everyone to be painted with the same brush. DFO indicated that this subject will be updated in the section on International issues in the IFMP.

Marc LeCouffe, chair, then opened the floor to the advisory members to have a discussion on the following question “What modifications can be made to ensure a sustainable and economically viable lobster fishery in the sGSL for the future?”

The following points are highlights of the discussion on Strategic Outlooks:

1. Request for an update on the status of including the owner-operator into the *Fisheries Act*.
2. Review the current advisory meeting 3-year cycle as meetings should be held more frequently (i.e. annual basis)
3. Need for more timely, accurate and measurable landing data for scientific and business purposes.
4. Sub-zones could be profitable to implement pilot projects or for trying new progressive management measures.
5. Support for same minimum legal carapace size in all LFA is not there yet but is being more widely accepted than before.
6. Need to explore alternative sources for bait.
7. Need for the exploration of fishery-independent stock indicators.
8. Increased transparency, sharing of information and consultations are required with industry on the next steps of the marine protection and oceans initiatives.

A MFU representative would like to see further investments in Conservation and Protection programs such as the «ghost boat » to halt illegal fishery. He would also like to see that DFO takes leadership on changes in carapace size to reduce conflicts between LFAs.

There was a discussion on economic reference points that could be explore in the same context as the PA (healthy, cautious, critical zones). Mark MacLachlan indicated he could need to look at landings or prices or vessel profitability to establish such reference points. More thought and discussion on the subject would be required if industry wished to pursue such a policy and see if the tools could be put in place to do something if we go below a lower reference point (i.e. restrict effort to improve prices).

The LFA 25 Prince County representative presented a motion to slow down the increase in carapace size in LFA 25 to 1mm a year for the next 4 years instead of 2mm a year for the next 2 years. He said they would ask the Minister to request that a questionnaire be sent to all LFA 25 members to vote on this motion. MFU responded that they would not agree to a survey.

The LFA 25 Prince County representative also requested whether DFO would consider modified lobster traps as a perch trap which would be used strictly for bait. They should also be tagged. MFU representative responded that he would need to go back to his members before providing their position. Other members were also supportive of the perch trap.

The province of NB representative raised that as we look at the next 5, 10, 15 years, we should also take into consideration environmental factors and climate change and how this could affect the future of the lobster stock. MFU added that a group named Marine Environmental Observation Prediction and Response Network (MEOPAR) is currently looking at effects of climate change with Universities.

Brian Adams asked if Striped Bass could be used a bait. He also raised concerns about recent fish kills in the Bay of Fundy and its effects on the world market. DFO responded that they still do not have answers to what happened at St. Mary's Bay with dead herring on the beach. The amount on the beach is very small compared to what is being fished but we understand the optics and how this could impact markets. No answer has been found.

Bobbi Jenkins, LFA 26A PEI representative, indicated that he has no comments on sub-zones yet because he wanted to wait to see the completed study first and go back to members before providing comments.

13) Closing Remarks

The Chair thanked everyone for the comments and participating to the Advisory meeting. The Chair indicated that DFO will evaluate how we can move forward based

on the comments received by prioritizing actions and determine whether a working group is required to address certain issues.

Tab 1

**Southern Gulf of St. Lawrence Lobster
(SGSL) Advisory Committee meeting
January 11 & 12, 2017
Moncton Delta Beauséjour - Ballroom A**

**DRAFT AGENDA
(EKME : 3686522 v2)**

**Réunion du comité consultatif du
homard du sud du golfe du Saint-Laurent (SGSL)
11 et 12 janvier, 2017
Delta Beauséjour Moncton – Salle A**

**ÉBAUCHE de l'ORDRE DU JOUR
(EKME : 3686522 v2)**

Each session be followed by a question/answer/discussion period	Chaque session sera suivi d'une période de questions/réponses/discussion
<u>Wednesday January 11, 2017</u>	<u>Le mercredi 11 janvier, 2017</u>
9:00-9:30 AM [M. Lecouffe]	9h00-9h30 [M. Lecouffe]
1. Welcome/Opening Remarks	1. Mots de bienvenue et d'ouverture
9:30-9:45 AM [M. Lecouffe]	9h30-9h45 [M. Lecouffe]
2. Approval of 2013 Meeting Notes	2. Approbation du sommaire de la réunion de 2013
9:45-10:15 AM [M. Maclachlan]	9h45-10h15 [M. Maclachlan]
3. Economic Overview	3. Survol économique
10:15-10:45 AM [K. MacRae]	10h15-10h45 [K. MacRae]
4. Conservation and Protection	4. Conservation et Protection
10:45-11:00 AM - Break	10h45-11h00 - Pause
11:00 AM-12:00 PM [A.Rondeau]	11h00-12h00 [A.Rondeau]
5. Sciences Stock Status Update	5. Sciences - Mise à jour de l'état du stock
6. Collaborative project on bycatch	6. Projet de collaboration sur les prises accidentelles
12:00 PM-1:00 PM – LUNCH (not provided)	12h00-13h00 – DÎNER (non fourni)
1:00 PM-1:30 PM [C. Leblanc]	13h00-13h30 [C. Leblanc]
7. Decision Rules Working Group Update and next steps	7. Mise à jour sur le groupe de travail sur les règles de décisions et prochaines étapes

Tab 1-Continued

**Southern Gulf of St. Lawrence Lobster (SGSL) Advisory Committee meeting
January 11 & 12, 2017
Moncton Delta Beauséjour - Ballroom A
DRAFT AGENDA**

**Réunion du comité consultatif du homard du sud du golfe du Saint-Laurent (SGSL)
11 et 12 janvier, 2017
Delta Beauséjour Moncton - Salle A
ÉBAUCHE de l'ORDRE DU JOUR**

DAY 1, continued	JOUR 1, suite
1:30 PM-2:00 PM [M.-H. Thériault]	13h30-14h00 [M.-H. Thériault]
8. Marine Conservation Targets	8. Objectifs de conservation marine
2:00 PM-2:30 PM	14h00-14h30
9. E-logs initiative update [D.Doiron]	9. Mise à jour sur l'initiative des E-logs [D.Doiron]
10. Integrated Fisheries Management Plan (IFMP) Update [J. Massiera]	10. Mise à jour du plan de gestion intégré de pêche (PGIP) [J. Massiera]
2:30 PM-2:45 PM - Break	14h30-14h45 - Pause
2:45 PM – 3h00 PM [M. LeCouffe & ALL]	14h30-16h30 [M. LeCouffe & TOUS]
11. Current Management Measures	11. Mesures de gestion courantes
12. Strategic Outlook - Round Table	12. Regard Stratégique – Tour de Table
<i>Question for reflection: What modifications can be made to ensure a sustainable and economically viable lobster fishery in the sGSL for the future?</i>	<i>Question pour réflexion : Quelle modifications pourraient être faites afin d'assurer une pêche durable et économiquement viable pour l'avenir dans la pêche au homard du sGSL?</i>
DAY 2	JOUR 2
<u>Thursday January 12, 2017</u>	<u>Le jeudi 12 janvier, 2017</u>
9:00 AM-12:00 PM [ALL]	9h00-12h00 [TOUS]
12. Strategic Outlook, continued	12. Regard Stratégique, suite
12:00 PM [M. Lecouffe]	12h00 [M. Lecouffe]
13. Closing Remarks	13. Mots de la fin

MGCE : 3757871

Comité consultatif du homard du sud du golfe du Saint-Laurent Notes de la réunion – 11 et 12 janvier 2017

Participants à la table principale

Marc LeCouffe (président) – Gestion des ressources et des pêches autochtones, Ministère des Pêches et des Océans (MPO)
Josiane Massiera – Gestion des ressources, MPO
Amélie Rondeau – Secteur des sciences, MPO
Mark MacLachlan – Services stratégiques, MPO
Kent MacRae – Conservation et Protection (C et P), Î.-P.-É., MPO
Emmanuel Sandt-Duguay – Coordonnateur de la liaison dans le domaine de la pêche commerciale (CLPC), Association de gestion halieutique Mi'kmaq et Malécite (AGHAMM) et Gespe'gewaq mi'gmaq Resource Council (GMRC)
Bobby Jenkins – Prince Edward Island Fishermen's Association (PEIFA) 26A
Laura Ramsay – PEIFA
Ian MacPherson – PEIFA
Craig Avery – PEIFA
David Lewis – président de la zone de pêche du homard (ZPH) 24, PEIFA
Lee Knox – représentant de la ZPH 25, PEIFA
Ed Frenette – CLPC, Confédération des Mi'kmaq de l'Île-du-Prince-Édouard (CMIPE)
Roger Sark – Bande Abegweit, Î.-P.-É.
Emily Bernard – Première Nation de Lennox Island, Î.-P.-É.
Jordan Crane – Native Council of Nova Scotia
Tim Martin – Native Council of Nova Scotia
Robert MacMillan, ministère de l'Agriculture et des Pêches de l'Île-du-Prince-Édouard
Louis Ferguson, ministère de l'Agriculture, des Pêches et de l'Aquaculture du Nouveau-Brunswick
Jonathan Lowe – Ministère des Pêches et de l'Aquaculture de la Nouvelle-Écosse
Carl Allen – Union des pêcheurs des Maritimes (UPM)
Gaston Mazerolle – UPM
Michel Richard – UPM
Gaëtan Robichaud – UPM
Emmanuel Moyen – UPM
Martin Mallet – Homarus, UPM
J. Leonard LeBlanc, Gulf Nova Scotia Fishermen's Coalition
Ron Heighton – Northumberland Fishermen's Association
Gordon Beaton – UPM (section locale 4), Nouvelle-Écosse
Wayne MacLellan – Inverness South
Brendan Doyle – Gulf Nova Scotia Bonafide Fishermen's Association
Brian Adams – North of Smokey Fishermen's Association
Les Ginnish – CLPC, Anqotom
Jason Keoughan – Première Nation de Buctouche
Clark Dedam – Première Nation d'Esgenoôpetitj

Participants à la table auxiliaire du MPO :

Michel Comeau – Secteur des sciences, MPO
Pierre Bélanger – Pêches autochtones, MPO
Luc Légère – Secteur du golfe de l'est du Nouveau-Brunswick, MPO
Leroy MacEachern – Secteur du golfe de la Nouvelle-Écosse, MPO
Stephanie Hopper – Services stratégiques, MPO
Sandra Comeau – Secteur du golfe de l'est du Nouveau-Brunswick, MPO
Chris Mills – Secteur de l'Île-du-Prince-Édouard, MPO
Ginette LeBreton/Krista Peterson – Communications, MPO
John St.-Coeur – C et P, Secteur du golfe de l'est du Nouveau-Brunswick, MPO
Carole LeBlanc – Gestion des ressources, MPO

Observateurs : Environ 25 observateurs

1. Mot de bienvenue et d'ouverture

MPO ouvre la réunion et souhaite la bienvenue aux membres du Comité. Le Comité consultatif du homard du sud du golfe du Saint-Laurent se réunit tous les trois ans pour discuter de la pêche au homard et pour conseiller le MPO sur la gestion de la pêche au homard dans les zones de pêche du homard (ZPH) 23, 24, 25 et 26.

Le président demande si quelqu'un souhaite ajouter des points à l'ordre du jour (onglet 1) qui a été envoyé aux membres du comité avant la réunion. Aucun point n'est ajouté à l'ordre du jour.

2. Notes de réunion de 2013 (onglet 2)

Le procès-verbal de la réunion de 2013 est approuvé. Plusieurs membres suggèrent que le présent comité consultatif se réunisse tous les ans. Le président répond qu'il prendrait la demande en considération et qu'il répondra ultérieurement au comité à ce sujet.

3. Aperçu économique (onglet 3)

Mark MacLachlan, Services stratégiques du MPO, présente un aperçu économique qui comprend un résumé des débarquements mondiaux de homard américain sur 10 ans (2005-2014), des exportations, du nombre de permis délivrés en 2016, des débarquements dans la région du golfe et du prix au débarquement.

On pose une question sur le nombre de permis de pêche commerciale communautaire dans la ZPH 24. Après l'envoi de la présentation, on a constaté que le nombre indiqué était inexact. Après vérification, on a constaté que le nombre était de 34 et non de 64.

On pose une question sur la différence entre les prix du marché et les prix payés par les conserveurs et sur l'influence d'un volume important de homards de taille commerciale sur les prix. Le MPO répond que c'est un facteur qui pourrait influencer sur les prix, surtout s'il y a un bond du volume par rapport aux années précédentes et que le marché n'est pas préparé pour l'absorber. Le volume vendu sur le marché augmente légèrement plus rapidement que le volume vendu aux conserveurs. On mentionne qu'en 2016, la proportion de homards de conserverie était en hausse, alors que la proportion de homards de marché était en baisse dans la ZPH 25 de l'Île-du-Prince-Édouard.

4. Conservation et protection (C et P) [onglet 4]

Kent MacRae, C et P du MPO, présente un exposé sur l'examen de la pêche au homard au cours de la période 2013-2015. On lui pose les questions suivantes tout au long de l'exposé :

Q. Au cours des dernières années, avez-vous remarqué plus de pêche illégale en dehors de la saison réglementée? Avez-vous constaté plus d'actes de braconnage?

R. On a constaté une augmentation d'actes de braconnage à l'Î.-P.-É. cette année, mais pas autant qu'au N.-B. En dehors de la pêche commerciale, nous n'avons pas constaté d'augmentation d'actes de braconnage, mais, l'an dernier, nous avons remarqué une augmentation du braconnage au cours de la pêche commerciale par des gens qui ne détenaient pas un permis. C'est un problème sur lequel C et P a enquêté. On a porté plusieurs accusations et saisi plusieurs camions et navires, surtout dans un secteur en particulier.

Q. Inscription/permis : 30 en 2013, 143 en 2014 et 284 en 2015. Pourquoi une telle augmentation, est-ce à cause du Système national d'émission de permis en ligne (SNEPL)?

R. Non, je ne pense pas que c'est à cause du SNEPL. Il est impossible de répondre en ce moment, mais nous allons faire une recherche pour le savoir.

MESURE À PRENDRE : Ron Belliveau (C et P) vérifiera les raisons d'une telle augmentation du nombre d'inscriptions/de permis.

SUIVI : En 2015, on a observé une hausse du nombre de journaux de bord qui n'avaient pas été remplis correctement et de numéros de liste des étiquettes émis qui n'avaient pas été inscrits dans la section pour le permis, conformément aux exigences.

Q. La Cour applique-t-elle une approche cohérente dans la Région?

R. Non, ça dépend du juge. Nous pouvons fournir au juge des informations sur les amendes imposées par différents tribunaux, mais c'est lui qui prend la décision finale.

Q. Dans les ZPH 26A et 26B, y a-t-il eu des infractions pour avoir dépassé la ligne de délimitation des zones ou sous-zones de gestion?

R. Un détenteur de permis de l'Î.-P.-É. a commis une infraction, mais je ne sais pas s'il l'avait commis au moment où les zones de sous-gestion avaient été créées. Cette année, on a constaté des infractions liées à la pêche du crabe commun. C et P a saisi

de l'équipement qui se trouvait au-delà de la ligne de délimitation de la ZPH 25 au moment de l'ouverture de cette zone; les contrevenants pêchaient en fait dans la ZPH 26. Cependant, je ne sais pas si des accusations ont été portées.

SUIVI : À la suite de la vérification, on a constaté qu'un agent des pêches à l'Î.-P.-É. a repéré une infraction à la pêche du homard. Le pêcheur provenait du N.-B.

Q. Si une personne n'a pas signalé la perte d'étiquettes, le MPO porte-t-il des accusations contre elle pour avoir pêché en dehors de la saison de pêche? J'ai compris lors d'une réunion en N.-É. que la personne devait signaler la perte de son engin de pêche et demander la permission de tenter au moins de le retrouver. Sinon, l'agent de C et P pourrait lui imposer une amende pour avoir pêché en dehors de la saison, s'il récupère l'engin plus tard.

R. C'est une approche locale, qui n'a rien de mal, mais qui n'est pas suivie à l'Î.-P.-É. Les exigences locales dicteront ce que les agents des pêches peuvent faire.

Q. La justice réparatrice est-elle mise en œuvre dans la région?

R. Des démarches pour la mettre en œuvre ont été entreprises à l'Î.-P.-É., qui est le chef de file dans ce domaine dans la région. La Confédération des Mi'kmaq de l'Î.-P.-É. a présenté un protocole d'entente pour approbation par les chefs et les conseils. Nous espérons qu'il sera approuvé. Les prochaines étapes suivies par C et P seraient d'établir des procédures normalisées pour le traitement du dossier et de travailler avec la Confédération des Mi'kmaq de l'Î.-P.-É. pour amener les gens à participer à des cercles de détermination de la peine ou à d'autres types de justice réparatrice. Cependant, rien ne nous empêche d'utiliser la justice réparatrice pour tout le monde. Elle est couramment utilisée en Colombie-Britannique pour les habitats, les Premières Nations, les pêches commerciales et récréatives, et même pour les pêches contaminées à des fins de reparcage. Nous commençons par les collectivités autochtones parce qu'elles sont plus ouvertes à ce type de justice. Les tribunaux de l'Î.-P.-É. sont très réceptifs à ce type de justice et nous ont déjà ordonné de l'appliquer une fois.

Q. Il y a un manque de cohérence dans l'application des peines, puisque les peines imposées au N.-B. sont de 1 000 \$ et 10 jours de suspension, alors qu'à l'Î.-P.-É., elles ne sont que de 500 \$, ce qui est le coût de faire des affaires. Prévoit-on harmoniser les peines?

R. Comme il a été mentionné précédemment, il appartient aux tribunaux et non au Ministère ou aux politiciens de déterminer le montant des amendes. Le MPO tente de montrer aux tribunaux les amendes imposées dans d'autres régions. De plus, il a présenté des énoncés d'impact sur les victimes. Mais au bout du compte, c'est le juge qui décide. Nous comptons sur la volonté de l'industrie (associations de pêcheurs, autorités portuaires, etc.) de faire valoir son point de vue.

MESURE À PRENDRE : La Prince Edward Island Fishermen's Association (PEIFA) a demandé qu'on fasse le point sur les effectifs de C et P. Elle demande que C et P étoffe ses effectifs, car la fermeture des petits détachements a eu un impact important.

SUIVI : À l'heure actuelle, C et P a environ 98 agents des pêches + 3 nouvelles recrues qui travailleront dans la région du golfe. Au besoin, les agents des pêches peuvent être déployés dans les zones où des problèmes se posent. C et P se concentre davantage sur la collecte de renseignements pour appliquer la loi. Le fait de ne pas voir un agent des pêches tous les jours au quai ne signifie pas que la ressource n'est pas protégée. C et P effectue des patrouilles par voie aérienne, par patrouilleurs semi-hauturiers, par navires du programme et par véhicules.

5. Le point sur l'évaluation des stocks par le Secteur des sciences (onglet 5)

Amélie Rondeau, Secteur des sciences du MPO, fait le point sur l'évaluation du stock de homards du sud du golfe du Saint-Laurent. On pose plusieurs questions lors des exposés :

Q. L'industrie a-t-elle été invitée à la réunion de 2016 pour faire le point sur les stocks?

R. Non, parce qu'il s'agissait d'une réunion interne qui ne visait qu'à faire une mise à jour. Aucune discussion n'a eu lieu sur l'ajout de nouveaux indicateurs ou sur la possibilité de changer la façon de faire les choses. La réunion portait tout simplement sur l'ajout de plus d'années de données.

Q. Pouvez-vous me dire quelle est la différence entre les zones de gestion et les sous-zones?

R. Les sous-zones présentées ici sont uniquement utilisées par le Secteur des sciences. Certaines n'ont pas de base légale. Les ZPH, les sous-ZPH et les zones de gestion sont utilisées pour la gestion des pêches.

Q. J'ai cru comprendre que le Ministère envisageait d'autres indicateurs que les débarquements, comme l'indicateur de la biomasse. Pensez-vous que d'autres indicateurs pourraient être adoptés dans un avenir pas si lointain?

R. Oui, nous examinons d'autres indicateurs qui seraient plus robustes et qui ne dépendent pas des régimes de gestion. Selon l'approche de précaution actuelle, les niveaux sont considérés comme sains, puisque nous sommes loin du point de référence supérieur du stock.

Q. Va-t-on effectuer des relevés au chalut dans les ZPH 24, 26A et dans la ZPH 25 du côté de l'Î.-P.-É.? Il est injuste que les pêcheurs aident à recueillir des données des biocollecteurs, mais ne profitent pas des relevés au chalut qui sont effectués dans d'autres régions.

R. Il existe des limites imposées par la disponibilité de ressources et de navires. De plus, dans certaines régions, nous ne pouvons pas faire des relevés au chalut parce que le fond est trop rugueux. La ZPH 24 est concernée par le relevé multispécifique annuel de septembre et on pourrait examiner les données sur le homard. À l'origine, on a commencé le processus de relevé au chalut du homard en raison d'un problème dans le détroit de Northumberland. Maintenant que nous voyons que tout va bien, il n'est peut-être pas nécessaire d'élargir le relevé afin d'inclure d'autres zones.

Q. Votre graphique pour la ZPH 25 ne montre pas de baisse dans les débarquements, alors qu'ils ont en fait baissé de 3 % 2015. Comment expliquez-vous cela?

R. Le relevé au chalut suit le même protocole (même engin, même durée de remorquage, même zone) et n'est pas uniquement basé sur la capturabilité comme dans le cas de vos débarquements de pêche qui dépend de l'appât, de l'emplacement des pièges, etc. Les fluctuations dans vos débarquements pourraient ne pas correspondre à celles qui sont révélées par nos indicateurs indépendants de la pêche. Il se peut que nos indicateurs ne détectent pas l'écart de 2, 3, 5%, mais ils sont toujours utiles pour repérer les tendances.

MESURE À PRENDRE : Distribuer aux participants le graphique montrant la densité de homards de taille inférieure à la limite légale, qui est modélisée d'après le relevé au chalut dans le détroit de Northumberland. Ce graphique figurait dans l'exposé, mais pas dans le rapport du Secteur des sciences.

SUIVI : L'exposé au complet a été envoyé aux participants.

Q. Pouvez-vous clarifier ce qu'on entend par des homards de taille inférieure à la limite légale? Cette limite vise-t-elle également les homards de l'année?

R. Ce sont tous les homards inférieurs à la limite légale pour l'année donnée. Par conséquent, s'il y avait des ajustements à faire, ils étaient inclus. Selon le relevé au chalut, des homards d'une longueur de carapace d'aussi peu que 30 mm avaient été pêchés.

Q. En 2016, le relevé au chalut a-t-il permis d'évaluer le recrutement du homard dans ce secteur de la ZPH 26A, c'est-à-dire la partie centrale du détroit de Northumberland?

R. Non, pas dans ce secteur. Par conséquent, nous surveillons le recrutement. Les débarquements sont meilleurs, mais le recrutement ne montre pas des signes aussi encourageants.

Q. Quelles sont les données disponibles pour la partie très septentrionale du golfe?

R. Nous n'avons pas de données de relevé au chalut ou de données recueillies par plongée pour la ZPH 26B nord, mais nous sommes ouverts à une collaboration dirigée par l'industrie sur l'échantillonnage en mer et à sa participation au programme de l'indice de recrutement. Nous pouvons fournir de la formation et du matériel pour l'échantillonnage en mer. Nous en sommes à un stade où nous comptons davantage sur l'industrie pour fournir des données qui aideront à l'évaluation du stock. La plongée sous-marine n'est pas envisageable dans cette zone parce que la pente est trop raide.

Q. Il y a des inquiétudes concernant les régions septentrionales du golfe. Les pêcheurs se demandent ce qui se passe là-bas, puisqu'ils ont constaté que 90 % des prises étaient des homards mâles et étaient presque toutes de taille commerciale (82,5 mm). Nous recommandons davantage de recherches dans ce domaine.

R. Il est important de partager ce type d'information lors de réunions consultatives ou individuellement. La porte du Secteur des sciences du MPO est toujours ouverte. Nous examinons le rapport entre les sexes, parce que c'est important pour la reproduction. Il serait très utile d'effectuer un échantillonnage en mer dans la ZPH 26B Nord, mais nous devrions discuter des détails sur la façon de l'effectuer.

Q. Vous avez mentionné qu'aucun relevé au chalut ou en plongée n'a été effectué dans la ZPH 26B Nord. Toutefois, il existe beaucoup de données du programme de surveillance de l'indice de recrutement. Certaines données ont donc été collectées dans cette zone.

R. Oui, le programme de surveillance de l'indice de recrutement est très important. Il fournit de bonnes informations et permet une couverture importante avec moins de ressources. Donc, à mon avis, si les gens veulent collaborer, la meilleure façon de le faire serait de participer au programme de surveillance de l'indice de recrutement.

Q. Le Ministère serait-il prêt à reconnaître la contribution de l'industrie au rapport?

R. Oui, c'est un fait connu que nous comptons beaucoup sur la collaboration de l'industrie. On n'aurait donc dû le mentionner dans le rapport. Nous pouvons corriger cela et ajouter cette reconnaissance la prochaine fois.

Q. La partie centrale du détroit est toujours un problème, mais nous avons constaté une augmentation importante des débarquements dans la région de Point Prim à Victoria (Î.-P.-É.).

R. C'est possible, mais nous n'avons pas encore les données sur les débarquements de 2016 pour la confirmer. Toutefois, selon nos relevés en plongée, le recrutement n'a pas augmenté. Nos données ne permettent pas de faire la distinction entre les débarquements à l'Î.-P.-É. et ceux en N.-É. Il y a donc peut-être effectivement une différence que nous devrions examiner.

Q. Merci à l'équipe du Secteur des sciences pour ces informations très importantes. En avons-nous fait assez et que pouvons-nous faire de plus? Si nous ne faisons pas plus, est-ce en raison de contraintes de ressources que l'industrie pourrait nous aider à pallier?

R. Une fois que nous avons des indicateurs qui fonctionnent bien et qui fournissent les informations essentielles sur le stock, le plus important est de les maintenir. Il n'est pas utile de passer d'une méthode à l'autre. Il est important d'avoir une base solide avec une variété d'indicateurs (c.-à-d. la taille commerciale, la taille inférieure à la limite légale, le recrutement, la femelle œuvée, la production d'œufs). Nous pouvons toujours nous rencontrer pour discuter d'une collaboration accrue et de la formation et du matériel nécessaire. Le MPO demande de plus en plus au Secteur des sciences de lui fournir de meilleures ressources et de meilleurs outils. À un moment donné, nous devons nous rencontrer pour discuter en groupe de ce que nous sommes prêts à faire pour le bien du stock de homard. Plutôt que de prendre tout simplement des mesures parcellaires, il est important d'avoir une base solide qui permet de bâtir un plan à long terme et d'établir une longue série solide de données temporelles.

6. Projet collaboratif sur les prises accessoires (onglet 6)

Amélie Rondeau du Secteur des sciences du MPO fait un exposé sur les résultats d'un projet collaboratif sur les prises accessoires.

Elle mentionne que le Secteur des sciences effectuera un sondage téléphonique en hiver/au printemps auprès des pêcheurs de homard pour connaître leur avis sur l'état du secteur de la pêche et pour obtenir des informations que nous ne pouvons pas obtenir ailleurs. Le MPO demande aux représentants d'encourager leurs membres et leurs collègues pêcheurs à répondre au sondage.

Résumé :

- ⊙ Les groupes de prises accessoires les plus courants sont le homard dont la taille inférieure à la limite légale, suivi du crabe commun et de la tanche-tautogue.
- ⊙ Aucune mortalité constatée lors des observations de survie
- ⊙ Très peu de variation dans la vitalité
- ⊙ Temps moyen de tri pour un piège de < 1 minute
- ⊙ D'après les résultats préliminaires, la pêche au homard présente un faible risque d'effet néfaste sur les prises accessoires.
- ⊙ La surveillance permanente des prises accessoires n'est pas nécessaire.

Après l'exposé sur les prises accessoires, on pose plusieurs questions et fait quelques déclarations :

Q. Avez-vous observé la présence d'un nombre similaire de crabes communs dans toutes les prises accessoires de homard?

R. Les données sur l'état du stock de crabe commun ont été mises à jour en même temps que celles sur l'état du stock de homard. Le rapport devrait être publié sous peu. Les données sur le crabe commun sont très limitées. Les seules données proviennent de la pêche et sont très dépendantes des facteurs de pêche, tels que le prix, l'intérêt d'aller pêcher, etc. Nous savons que la ZPH 25 et la ZPH 26A sont les deux zones où il y a un plus grand nombre de pêcheries et où l'on effectue un relevé au chalut. Toutefois, depuis 2010-2011, l'engin utilisé pour le relevé au chalut n'est pas conçu pour capturer le crabe commun. Nous pouvons fournir un aperçu de la pêche à partir des données de vérification à quai et des journaux de bord, mais il n'y a pas assez de données pour parvenir à une conclusion sur la biomasse ou sur le niveau des stocks.

Un membre de l'industrie mentionne que nous devrions souligner la collaboration positive de toutes les parties prenantes. Un membre mentionne également qu'il pense que la certification du Marine Stewardship Council (MSC) n'est pas aussi controversée qu'on le croyait initialement et qu'il est encourageant de voir que l'industrie et le MPO ont pu collaborer sur des projets scientifiques. De plus, il encourage l'autre membre de l'industrie à rendre compte aux vérificateurs du MSC des éléments positifs qui sont discutés lors de la présente réunion et à leur faire

comprendre que son industrie est un collaborateur et non un subordonné du MSC. Il est important que le MSC soit au courant des bonnes nouvelles sur le stock de homard dont on fait état aujourd'hui.

Q. C'est un fait connu que le stock aux États-Unis est en hausse. Collabore-t-on avec les États-Unis?

R. Nous en savons un peu plus sur ce qui se passe au Québec ou en N.-É., et nous faisons de notre mieux pour rester informés, surtout si les choses vont mal. Par exemple, nous avons examiné la maladie de coquille dans le Rhode Island, mais n'avons pas été en mesure de mettre le doigt sur une cause précise de la maladie. Nous n'avons pas observé la présence de cette maladie ici. Nous travaillons séparément sur de nombreux aspects, mais nous collaborons de façon générale par l'entremise du Groupe de recherche sur le homard du Réseau canadien de recherche des pêches et par l'entremise de biocollecteurs ou de la base de données sur la fixation de jeunes de l'année. L'amélioration du stock s'explique tout simplement par une combinaison de tous les facteurs en jeu (conditions environnementales favorables, mesures de gestion, meilleure production d'œufs, etc.).

Q. Plusieurs participants mentionnent que nous devrions examiner à l'avenir l'effet du bar rayé sur le homard juvénile et vérifier la présence de biomasse pour voir s'il serait possible de créer une petite pêcherie commerciale de bars rayés.

R. Le MPO recueille des données sur le bar rayé, mais c'est surtout aux fins de discussion dans le forum des pêches récréatives.

Q. Le crabe commun est à la base du régime alimentaire du homard. Nous devons donc disposer de renseignements sur la biomasse de crabe commun. Si la biomasse de crabe commun est en baisse, les permis de pêche au crabe commun devraient être suspendus en premier, avant les captures accessoires de homard. Pouvez-vous communiquer ces renseignements lorsque vous les aurez?

R. Nous n'avons pas actuellement ces données pour répondre à cette question et, à ce jour, nous ne prévoyons pas obtenir ce genre de données. Cela pourrait changer. Les pêcheurs de homard ont l'impression qu'il y a moins de crabes communs, mais en réalité le crabe commun est capable de s'échapper plus facilement grâce aux dispositifs de sortie plus grands qui ont été installés sur les pièges à homard en réponse à l'augmentation de la taille légale minimale. Le rapport sur l'état des stocks de crabe commun est accessible au lien suivant : http://www.dfo-mpo.gc.ca/csas-sccs/Publications/ScR-RS/2016/2016_053-fra.html.

Q. Le gouvernement fédéral a annoncé qu'il consacrerait 40 M\$ au Secteur des sciences du MPO. Avons-nous reçu l'argent? Allons-nous recevoir une partie de cet argent?

R. Oui, nous sommes en train de combler les postes vacants, ainsi que 10 nouveaux postes dans la région du golfe et d'autres postes dans d'autres régions. Ces postes sont assortis de fonds supplémentaires s'élevant à des millions de dollars qui proviennent de différents mécanismes, de partenariats, etc. Donc, oui, le Ministère commence à recevoir l'argent.

Q. Conservez-vous les homards de taille non réglementaire provenant des prises accessoires. Pouvez-vous nous donner plus d'informations à ce sujet?

R. Le homard, comme vous le savez, est une espèce très résistante et peut survivre hors de l'eau. Tous les homards observés pendant une période de 10 minutes ont été remis dans l'eau sans problème. Cependant, nous n'avons pas retiré de l'eau les femelles œuvées de crainte de compromettre la survie des œufs. Nous avons également examiné les blessures, et constaté qu'il y en avait très peu.

Q. Que faut-il faire pour assurer une surveillance adéquate du crabe commun et comment pouvons-nous obtenir le financement nécessaire pour cette surveillance?

R. Le homard se nourrit de petits crabes communs (pas de taille commerciale). Par conséquent, la pêche dirigée n'a pas d'incidence sur l'alimentation du homard. Si nous voulons faire plus de recherches sur le crabe commun, nous pourrions faire un relevé au chalut. Ce relevé a très bien fonctionné en 2010 et 2011. Les relevés au chalut ont permis de recueillir beaucoup de renseignements biologiques (rapport taille-poids, sexe, taille à maturité sexuelle du crabe commun mâle), mais nous n'avons pas assez de temps avant l'évaluation de stock de 2013 pour faire une analyse complète de la biomasse à partir des données de 2010-2011. Si nous avions plus de temps, nous pourrions refaire l'analyse afin d'estimer la biomasse du crabe commun. Si nous limitions l'analyse aux ZPH 25 et 26A où la plupart des pêcheries de crabe se trouvent, nous aurions une bonne idée de ce qui se passe. Nous aurions besoin d'adapter le relevé actuel au chalut pour capturer le crabe commun. C'est une question de priorités, car le capturer aurait des conséquences sur la capture d'autres espèces.

Q. Pouvons-nous obtenir un engagement du Secteur des sciences et des participants à la table de concentrer les efforts sur la partie centrale du détroit pour trouver une façon d'améliorer l'état du stock, qui se porte toujours mal?

R. Nous surveillons actuellement la zone. Nous participons au Programme de surveillance de l'indice de recrutement. De plus, nous effectuons des relevés en plongée et au chalut. Je vois cela comme une exception. L'habitat semble convenable pour le homard et des efforts ont été faits pour gérer la pêche. Mais pour une raison ou une autre, il n'y a pas de homard et je ne peux pas expliquer pourquoi. À mon avis, nous faisons des efforts là-bas et je ne vois pas ce que nous pouvons faire de plus, à part augmenter la couverture ou l'intensité d'échantillonnage. C'est quelque chose dont nous pourrions discuter ensemble.

Q. Parmi les 10 nouveaux postes, combien sont dédiés au Secteur des sciences et combien sont dédiés au homard et au crabe commun?

R. Les postes sont tous dans le domaine des sciences. En fait, une personne commencera à occuper un poste de recherche dans quelques semaines afin d'aider à l'analyse des données. Il y aura également des postes dédiés à l'océanographie, à la santé animale et aux espèces anadromes.

Q. Vous avez parlé de procéder à un autre relevé au chalut pour le crabe commun, puisque le dernier relevé remonte à cinq ans. Qu'auriez-vous besoin et quelles ressources auriez-vous besoin de mobiliser pour effectuer le relevé? Cette table de discussion pourrait-elle aboutir à une décision d'en faire une priorité?

R. Le relevé actuel au chalut est multispécifique. Il fournit de l'information sur le homard, mais aussi sur d'autres espèces, donc cela dépend des priorités. Si nous voulons procéder à un relevé au chalut du crabe commun, nous devons changer l'engin sur le chalut actuel, mais cela signifierait cesser de capturer d'autres espèces. Il faudrait donc en discuter au niveau de la division pour voir si on peut sauter quelques années de données sur ces espèces.

Q. Pour avoir une idée du recrutement du crabe commun, ne pourrions-nous pas tout simplement modifier le casier à homard afin de capturer toutes les espèces?

R. Oui, nous pourrions examiner cette possibilité. En 2010, nous avons fait une étude à l'aide d'un revêtement que nous avons installé sur les pièges pour retenir les femelles et les juvéniles. Les pièges sont un engin passif. Vous ne capturez qu'une partie de la population, ce qui vous empêche d'avoir une idée globale de l'ensemble de la population. De plus, en 2010, les pièges étaient replis jusqu'au sommet. Il était donc difficile de mesurer tous les crabes qui avaient été capturés. En fait, même en réduisant le nombre de pièges de 15 à 5, nous avions plus de 1 000 crabes à mesurer, ce qui était trop. Nous devrions peut-être discuter de la façon d'adapter cette approche pour qu'elle soit plus gérable et nous permette d'obtenir les renseignements nécessaires.

Q. Que révèlent les données provenant des biocollecteurs de jeunes homards de l'année?

R. Nous recueillons effectivement ces données. Elles sont publiées dans le rapport sur le crabe commun. Elles révèlent des résultats mitigés. En fait, elles révèlent que le recrutement de crabe commun est bon du côté nord de l'Î.-P.-É. et médiocre dans le détroit de Northumberland, où la pêche est plus intense, mais c'est juste un instantané. Nous avons besoin de savoir ce qu'il faut faire avec cette information. Nous ne disposons pas d'une longue série chronologique pour le suivi du crabe commun, comme celle pour le suivi du homard. Nous devons donc faire attention lors de l'interprétation des données.

7. Mise à jour par le groupe de travail sur les règles de décision et prochaines étapes :

Carole LeBlanc, Gestion des ressources du MPO, présente un exposé sur les règles de décision sur les prises (RDP), qui sont proposées par le groupe de travail. La RDP proposée est le fruit de discussions et de réunions avec le groupe de travail. Les membres du groupe de travail comprenaient des représentants d'organisations autochtones, de l'industrie et des provinces. Les principales composantes du cadre décisionnel pour les pêches intégrant l'approche de précaution sont l'établissement de points de référence pour délimiter la zone saine, la zone de précaution et la zone critique, ainsi que des RDP qui ont été établies au préalable et des mesures de gestion au sein de chaque zone d'état du stock. D'après les récentes évaluations du stock, le

homard dans le sud du golfe du Saint-Laurent se classe dans la zone saine et atteint des niveaux historiquement élevés. Les règles de décision sur les prises sont établies non seulement pour répondre au mandat du MPO, mais aussi pour satisfaire au besoin de l'industrie de respecter les conditions de certification du Marine Stewardship Council (MSC). On signale que l'approche de précaution est dictée par les droits ancestraux et que la RDP ne remplace pas les droits de pêche à des fins alimentaires, sociales et rituelles. Une fois que le stock baisse au-dessous des points de référence supérieurs du stock (zone de précaution), il est nécessaire de réduire les taux d'exploitation pour aider à déplacer des stocks dans la zone saine. La RDP est une mesure temporaire pour favoriser le rétablissement du stock jusqu'au niveau de la zone saine. On signale également que le Secteur des sciences travaille déjà sur des indicateurs de l'état du stock afin d'établir de nouveaux points de référence du stock qui sont indépendants des débarquements.

Le président demande aux membres s'ils ont des questions et demande à chacun d'eux de donner son avis sur la RDP qui est proposée. Par suite à l'exposé, on pose une série de questions pour obtenir des précisions.

Q : Il faudra attendre combien de temps avant de savoir si le stock se trouve dans la zone de précaution?

R : Comme les points de référence sont basés sur les débarquements, nous ne saurons qu'après la saison de pêche si les stocks se trouvent dans la zone de précaution.

Q : Au cours de la réunion initiale, le groupe de travail avait examiné une boîte à outils. Pourquoi ne l'a-t-on pas été utilisée pour établir la dernière version de la RDP?

R : Le MPO explique que le groupe de travail avait été créé pour donner à l'industrie la possibilité de participer à l'élaboration de la RDP. Lors de notre dernière réunion du groupe de travail, nous avons décidé de ne pas utiliser la boîte à outils. Toutefois, si le stock atteint la zone de précaution, l'outil pourrait être utilisé comme outil de décision pour distinguer les meilleures mesures de gestion pour atteindre l'objectif de réduction de l'effort de pêche. Chaque ZPH peut nécessiter des mesures de gestion différentes.

Un membre de l'industrie suggère qu'on commence par des consultations. De plus, il dit qu'il aimerait qu'on reconnaisse dans la RDP l'existence de mesures de gestion différentes selon la ZPH et qu'on tienne compte de cette diversité de mesures lors de la planification des mesures pour la deuxième année. Le MPO répond que c'est la raison pour laquelle il y aura une évaluation scientifique avant de prendre des mesures. L'évaluation tiendra compte des différences entre les zones.

MESURE À PRENDRE : Ajouter un point pour indiquer que les mesures prises pourraient différer d'une ZPH à l'autre en fonction des résultats de l'évaluation scientifique.

Suivi : Un point à cet effet a été ajouté au document sommaire récapitulatif de la RDP.

Un membre mentionne que l'industrie devrait accorder une attention particulière à la RDP et chercher à en comprendre les implications. Il se demande comment on a établi les points de référence.

Le MPO répond que les points de référence du stock de homard ont été établis dans le cadre d'un processus national d'examen par les pairs en sciences en 2013 auquel ont participé l'industrie et des examinateurs externes. Le point de référence supérieur du stock correspond à la moyenne des débarquements de 1974 à 2009. En vertu de l'approche de précaution, il y a un indicateur du stock du sud du golfe du Saint-Laurent pour les différentes questions dans chaque ZPH qui peuvent être traitées selon le régime de gestion au quotidien. L'approche de précaution et la gestion quotidienne sont deux processus distincts. L'approche de précaution s'inscrit dans un plan d'urgence.

Certains conviennent que le concept est formidable, alors que d'autres ne sont pas convaincus que la capturabilité est le bon outil pour évaluer le stock, car les données ne seront disponibles qu'après la fin de la saison de pêche. Le MPO répond qu'il est préférable que les points de référence se fondent sur les tendances à long terme et que les débarquements sont les meilleures sources de renseignements disponibles. Le cadre de l'approche de précaution et la RDP dictent la façon dont le MPO et l'industrie procéderont et modifieront les mesures de gestion pour permettre au stock de rebondir. Toutefois, si nous constatons des signes de déclin dans une seule ZPH, nous pourrions intervenir pour empêcher le déclin dans cette ZPH au moyen d'une gestion quotidienne.

On pose des questions sur le Plan de gestion intégrée des pêches (PGIP). Le MPO répond que le PGIP est un plan permanent, c'est-à-dire un document évolutif qui fera l'objet de mises à jour au besoin.

On se demande ce qui s'est produit en 1983 pour passer de la zone de précaution à la zone saine. Le MPO répond que des mesures de gestion supplémentaires ont été mises en place au cours des 30 dernières années. Depuis 2000, les conditions environnementales et les mesures de gestion ont contribué à créer de bonnes conditions pour la croissance du stock de homard. Les points de référence sont fondés sur les tendances à long terme qui ressortent des données de débarquement de 1974 à 2009, période pendant laquelle les paramètres et l'effort de récolte ont été jugés équivalents.

Des représentants d'une organisation autochtone souhaitent que le contenu des RDP fasse la distinction entre la pêche commerciale et la pêche à des fins alimentaires, sociales et rituelles, comme le prévoit la décision Sparrow. Le MPO répond que les RDP ne remplacent pas les droits ancestraux.

Le président répond que par suite aux discussions avec le Comité consultatif, les modifications suivantes seront apportées au RDP : ajouter un texte sur la consultation avec les organisations et l'industrie autochtones et un texte selon lequel la pêche à des

fins alimentaires, sociales et rituelles sera le dernier touchée dans la zone de précaution.

Le président demande qu'on tienne une table ronde pour permettre aux membres d'exprimer leurs opinions sur la RDP et sur le cadre de l'approche de précaution qui ont été proposés.

Clark Dedam (Esgenoôpetitj) – Il est agréable de voir que le MPO est proactif. Nous aimerions discuter de la question pour déterminer ce que nous allons faire. Nous sommes d'accord avec cette approche.

Jason Keoughan (Première Nation de Buctouche) – Il est d'accord avec l'approche, mais pense qu'il faudrait discuter davantage de la règle pour la pêche à des fins alimentaires, sociales et rituelles. Il est d'accord avec cette orientation.

Les Ginnish (CLPC, Anqotom) – Il est d'accord avec cette approche.

Brian Adams (North of Smokey Fishermen's Association) – Il exprime son accord. Il aimerait qu'on ajoute des consultations et qu'on indique clairement que les mesures ne sont pas permanentes.

Brendan Doyle (Gulf Nova Scotia Bonafide Fishermen's Association) – Il estime qu'on devrait tenir une consultation adéquate avant de prendre une décision.

Wayne MacLellan (Inverness South Fishermen's Association) – Il est d'accord. Il soulève des préoccupations concernant les récentes mortalités massives et se demande ce qui se passerait dans cette situation particulière, compte tenu de l'approche de précaution et la RDP proposées? Le MPO répond qu'aucune décision ne sera prise sur la base d'un seul événement. La RDP sera mise en œuvre lorsque les débarquements chutent et passent en dessous de la zone de précaution.

Gordon Beaton (MFU local 4) – Il appuie l'approche de précaution et l'approche scientifique pour la pêche. Il estime qu'il faudra faire le suivi des paramètres et des outils utilisés.

Ron Heighton (NFA) – Il exprime sa réticence à donner son soutien. Il pourrait peut-être accepter le concept, mais pas les chiffres, parce qu'il y a beaucoup de facteurs qui affectent les débarquements (guerre, pêche du pétoncle, poisson de fond). Le MPO répond que le Secteur des sciences travaille sur de nouveaux points de référence qui sont indépendants de la pêche.

Leonard LeBlanc (GNSFC) – Il explique que le Marine Stewardship Council est un outil de marketing et non un outil de gestion. Il est en faveur avec précaution.

Carl Allan (UPM) – Il est en faveur. La dernière fois que nous étions près du point de référence supérieur (en 2004), nous avons pris des mesures sévères. Selon le taux de déclin, nous aurons une conversation sérieuse sur la pêche avant d'atteindre la zone de précaution.

Jonathan Lowe (Province de la N.-É.) – Il est en faveur de l'approche de précaution parce qu'elle est généralement acceptée par l'industrie. Il pense qu'il est important de laisser une certaine marge de manœuvre et de ne pas s'en tenir strictement au libellé. On pourrait ajouter des précisions sur ce qu'on entend par pêche à des fins alimentaires, sociales et rituelles.

Louis Ferguson (Province du N.-B.) – Il est en faveur de cette approche et est d'accord avec les commentaires de Carl (UPM).

Robert MacMillan (Province de l'Î.-P.-É.) – Il est en faveur du document révisé en fonction des commentaires formulés.

Tim Martin (NCNS) – Il est d'accord avec l'orientation, mais aimerait voir le document final avant de donner son approbation.

Jordan Crane (NCPEI) – Il est en faveur de l'orientation, mais aimerait plus de discussions sur la pêche à des fins alimentaires, sociales et rituelles et sur les outils.

Ed Frenette (Confédération mi'kmaq de l'Î.-P.-É.) – Il accepte les principes en jeu, sous réserve de consultations appropriées et significatives. Il est impatient d'aller de l'avant avec les nouveaux points de référence.

Lee Knox (PEIFA de la ZPH 25) – Il exprime son appui, sous réserve que chaque ZPH puisse être gérée individuellement. De plus, il est d'accord qu'on intervienne bien avant d'atteindre la zone de précaution.

David Lewis (PEIFA de la ZPH 24) – Il est d'accord avec l'approche et attend avec impatience de voir un nouvel indicateur.

Bobby Jenkins (PEIFA de la ZPH 26A) – Le groupe de travail a présenté beaucoup de choses. Il est du même avis que nous ferons tout ce qui est en notre pouvoir pour éviter d'atteindre la zone de précaution.

Emmanuel Sandt-Duguay (AGHAMM et CLPC) – Il est en faveur de l'approche avec l'ajout de la pêche à des fins alimentaires, sociales et rituelles dans la zone de précaution.

Devin Ward (MTI) – Il indique que c'est vraiment bien d'avoir ces conversations en période d'abondance de la pêche. Il soutient et approuve l'élaboration de points de référence indépendants de la pêche.

Prochaines étapes : Apporter des modifications au document en fonction des commentaires formulés. Le document sera distribué aux membres du Comité consultatif. Le MPO sollicitera alors l'approbation du ministre et intégrera l'approche de précaution et la RDP au Plan de gestion intégrée des pêches. Le MPO remercie le membre du groupe de travail.

8) Objectifs de conservation marine

Marie-Hélène Thériault, Programme des océans du MPO, présente un exposé sur les objectifs de conservation marine (OCM) et les initiatives sur l'océan. Les participants posent de nombreuses questions concernant les diverses initiatives. La PEIFA mentionne qu'elle participe au processus. L'information semble changer constamment. On mentionne qu'on pourrait désigner une autre zone d'intérêt, mais rien n'a été divulgué. Le MPO répond que les renseignements seront communiqués dans les prochains mois.

Q. La vallée de Shediac est-elle toujours une zone d'intérêt?

R. Le MPO répond non. Les zones d'intérêt sont évaluées dans d'autres régions (p. ex. le banc des Américains et le banc de Sainte-Anne).

Q. La PEIFA demande une copie du libellé des zones tampons de pétoncles et se demande si elles seront comptabilisées pour les objectifs de conservation marine. Ça fait un an et demi que nous posons cette question sans obtenir de réponse.

R. Le MPO se renseignera et lui fournira une réponse.

Q. Le MPO examine-t-il une espèce en particulier pour des fermetures à long terme?

R. Le MPO évalue toutes les fermetures de pêche en fonction de certains critères. Il pourrait y avoir des fermetures de zones à l'avenir pour protéger les coraux et les éponges.

Q. L'UPM mentionne que lors de consultations et de discussions informelles, elle a demandé des éclaircissements sur l'utilisation d'engins sélectifs dans une zone de protection marine (ZPM).

R. Cela dépend des objectifs de conservation. Une fois que les objectifs auront été définis, le MPO élaborera des mesures de gestion au sein d'une ZPM. Cela signifie une « zone à ne pas exploiter ». Le MPO mentionne qu'on propose des modifications réglementaires à la *Loi sur les océans* pour accélérer le processus. Ces modifications visent la mise en œuvre d'une approche en deux étapes pour identifier une ZPM.

Q. Y a-t-il des zones côtières à l'étude qui pourraient être désignées comme des ZPM potentielles?

R. Aucune zone côtière n'est à l'étude en ce moment.

Q. Le projet de liste des fermetures de pêches sera-t-il fourni à l'industrie?

R. Nous pouvons fournir l'inventaire de toutes les fermetures de pêches. Les fermetures ont été examinées en fonction de critères. On a envoyé une petite liste à l'Administration centrale pour une évaluation plus approfondie. Cette liste restreinte ne peut pas être partagée.

Q. La Gulf Nova Scotia Fishermen's Coalition aimerait savoir à quel moment nous saurons quelles mesures de gestion seront proposées pour les nouvelles zones d'intérêt?

A. Les mesures de gestion seront communiquées à l'industrie pour recueillir ses observations une fois que nous aurons effectué un examen complet du site (c'est-à-dire un aperçu écologique et socio-économique), élaboré un énoncé d'approche réglementaire comprenant la formulation de mesures de conservation, réalisé des analyses de risques et consulté nos partenaires sur cet énoncé. Tout au long de ce processus, les parties intéressées en seront informées et seront consultées.

Q. La Gulf Nova Scotia Fishermen's Coalition demande si l'approche de précaution mentionnée dans la modification de la *Loi sur les océans* est différente de celle qui est utilisée pour la gestion des pêches et si nous obtiendrons plus d'information sur cette approche de précaution.

A. L'approche de précaution énoncée dans la *Loi sur les océans* est fondée sur les meilleures données scientifiques disponibles. Elle diffère de l'approche de précaution pour la gestion des pêches.

Les pêcheurs sont frustrés, parce qu'ils ont beaucoup de questions et peu de réponses. Le MPO répond que les objectifs avaient été définis dans la lettre de mandat du ministre et que d'autres renseignements seront communiqués bientôt à l'industrie.

9) Le point sur l'initiative de journaux de bord électroniques (JBE) et les étiquettes

Daniel Doiron fait un bref exposé sur l'initiative de JBE et sur les étiquettes.

JBE : Dans la mesure du possible, l'initiative de JBE sera mise en œuvre progressivement selon une approche globale de la flotte. La PEIFA est en faveur des JBE tant qu'ils n'entraînent pas des coûts supplémentaires pour les pêcheurs, comme convenu en 2013. Une entreprise du secteur privé mettra au point le logiciel sous divers formats (compatible avec les cellulaires, les ordinateurs portables, etc.). Certains ne sont pas en faveur du logiciel, parce qu'ils s'inquiètent de son coût (certains estiment qu'il entraînerait des coûts supplémentaires de 300 \$ à 400 \$). Les coûts exacts n'ont pas encore été confirmés. La PEIFA exprime sa frustration d'entendre que des développeurs examinent une technologie que les pêcheurs n'ont pas et qui pourrait entraîner des coûts en obligeant les pêcheurs de s'abonner à un forfait de données cellulaires plus coûteux.

L'industrie affirme que la dernière fois qu'on a parlé de l'initiative de JBE, on avait soutenu qu'elle serait mise en œuvre progressivement sur une base volontaire. Elle craint maintenant de se voir imposer cette initiative. On soulève des inquiétudes que l'initiative sera mise en œuvre de façon précipitée comme ce fut le cas pour le Système national d'émission de permis en ligne et qu'on ne sera pas en mesure de former tout le monde avant sa mise en œuvre. On exprime des inquiétudes concernant les problèmes d'absence de couverture cellulaire et le moment de soumission des JEB.

Certains conviennent qu'il serait utile pour le domaine de la science et les gestionnaires de recevoir plus de données en temps réel. Certains disent qu'on devrait faire une transition lente et prudente vers une banque de données nationale, compte tenu des sérieux problèmes rencontrés dans la mise en place d'autres gros systèmes de données (Système national d'émission de permis en ligne et Phénix). Un membre se demande pourquoi les acheteurs ne pourraient pas recueillir les données, car le projet pilote semblait bien fonctionner. Le Secteur des sciences répond que ça avait effectivement bien fonctionné, mais que le MPO veut adopter une approche nationale. Le MPO confirme également que les acheteurs n'ont pas de comptes à lui rendre, contrairement aux pêcheurs qui sont assujettis à leurs conditions de permis.

ÉTIQUETTES : Un membre demande pourquoi les étiquettes de remplacement n'étaient pas de la même couleur chaque année. Le MPO répond que le but était d'empêcher le regroupement d'étiquettes. Le MPO mentionne également que les fournisseurs d'étiquettes suivront un cycle de couleurs de 3 ans. La PEIFA remercie la Région du Golfe d'avoir créé une étiquette originale de couleur différente pour le

homard à partir de 2017. Cependant, elle mentionne qu'elle aimerait qu'on aille un peu plus loin en ayant une couleur différente pour chaque espèce.

On soulève une question concernant la rapidité avec laquelle C et P reçoit les renseignements sur les étiquettes de remplacement. Le MPO répond que les fournisseurs lui soumettent une feuille de calcul Excel chaque fois que des étiquettes d'origine ou de remplacement sont émises (quotidiennement si nécessaire) et que ces feuilles sont consultables.

10) Plan de gestion intégrée des pêches (PGIP)

Josiane Massiéra, Gestion des ressources, donne un aperçu des sections qui seront mises à jour dans le PGIP au cours de la prochaine année. On suggère d'ajouter des informations sur les coûts pour les pêcheurs dans la section socio-économique. Le MPO répond qu'il utilise un modèle national, mais qu'on pourrait soulever cette question au niveau national.

11) Mesures actuelles de gestion

Josiane Massiéra, Gestion des ressources, présente un tableau de toutes les mesures de gestion prises dans chaque ZPH. Lee Knox, représentant de la ZPH 25 – Prince County, Î.-P.-É., demande que toutes les ZPH de l'Î.-P.-É. augmentent la taille de la carapace en même temps. L'UPM demande que la taille d'ouverture de 43 mm pour le dispositif de sortie soit obligatoire au lieu d'être volontaire dans la ZPH 25.

12) Perspectives stratégiques (JOUR 2)

Marc LeCouffe, président, ouvre la réunion en donnant un résumé de la *Marine Mammal Protection Act* des États-Unis. Il affirme que le Ministère évaluera toutes les pêcheries qui exportent aux États-Unis. D'ici 2021, nous devons démontrer que des mesures comparables sont en place pour réduire la mortalité accidentelle des mammifères marins et pour répondre aux exigences américaines. Un représentant de l'UPM demande si le MPO imposerait le placement de repères sur les lignes, puisqu'il explique qu'il y a peu de rencontres avec les baleines dans le détroit de Northumberland. Le MPO répond qu'il faudrait évaluer les répercussions et que les discussions se poursuivent.

Un membre mentionne que ce sujet avait été examiné lors d'un forum sur les pêches à Antigonish. Les pêcheurs sont inquiets des coûts importants que l'industrie devra assumer si on impose des changements aux engins. Le MPO répond que l'objectif n'était pas d'avoir le même engin que les États-Unis, mais d'avoir des mesures comparables pour protéger les mammifères marins. La PEIFA mentionne qu'elle a envoyé une lettre au gouvernement américain. Comme elle n'a toujours pas reçu de réponse, elle fera un suivi. Sa principale préoccupation est d'éviter que tous soient mis dans le même sac. Le MPO mentionne que cette question sera mise à jour dans la section sur les enjeux internationaux du PGIP.

Marc LeCouffe, président, donne ensuite la parole aux membres consultatifs pour discuter de la question suivante : « Quelles modifications peuvent être apportées pour assurer une pêche au homard durable et économiquement viable dans l'avenir dans le sud du golfe du Saint-Laurent? »

Voici les points saillants de la discussion sur les perspectives stratégiques :

1. Demande de faire le point sur les travaux visant à assujettir les propriétaires-exploitants à la *Loi sur les pêches*.
2. Examen pour voir si les réunions du comité consultatif devraient être organisées plus souvent que tous les trois ans (c.-à-d. tous les ans).
3. Besoin de données de débarquement plus rapides, précises et mesurables à des fins scientifiques et commerciales.
4. Dans les sous-zones, il pourrait être profitable de mettre en œuvre des projets pilotes ou d'essayer de nouvelles mesures de gestion progressive.
5. Il n'y a pas suffisamment de soutien pour l'imposition d'une taille minimale légale de la carapace dans toutes les ZPH, mais c'est plus largement acceptée qu'auparavant.
6. Il faut examiner d'autres sources d'appât.
7. Il faut examiner les indicateurs de stocks qui sont indépendants de la pêche.
8. Il faut plus de transparence, ainsi que de partage de renseignements et de consultations avec l'industrie sur les prochaines étapes des initiatives de protection du milieu marin et des océans.

Un représentant de l'UPM aimerait qu'on investisse davantage dans les programmes de conservation et de protection, tels que le « bateau fantôme », pour mettre fin à la pêche illégale. Il aimerait également que le MPO joue un rôle de leadership dans les modifications de la taille des carapaces, afin de réduire les conflits entre les ZPH.

On discute des points de référence économique qu'on pourrait examiner dans le même contexte que l'approche de précaution (zone saine, zone de précaution, zone critique). Mark MacLachlan signale qu'il pourrait avoir besoin d'examiner les débarquements, les prix ou la rentabilité des navires pour établir ces points de référence. Si l'industrie souhaite poursuivre une telle politique, il faudrait mener une réflexion et des discussions plus approfondies sur le sujet, afin de déterminer si on pourrait mettre en place des outils pour intervenir si nous descendons en dessous d'un point de référence inférieur (c.-à-d. restreindre l'effort de pêche pour améliorer les prix).

Le représentant de la ZPH 25 – Prince County présente une motion pour ralentir le rythme d'augmentation de la taille de la carapace dans la ZPH 25 à 1 mm par année pour les 4 prochaines années, au lieu de 2 mm par année pour les deux prochaines années. Il mentionne qu'il demanderait au ministre de demander qu'un questionnaire soit envoyé à tous les membres de la ZPH 25 pour voter sur cette motion. L'UPM répond qu'il n'est pas d'accord avec la suggestion de tenir un sondage.

Le représentant de la ZPH 25 – Prince County demande également si le MPO accepterait l'utilisation de pièges à homard modifiés comme pièges pour la perche, qui serait utilisée strictement pour l'appât. Ces pièges devraient également être étiquetés. Le représentant de l'UPM répond qu'il aurait besoin de consulter ses membres avant de présenter leur position sur cette question. D'autres membres sont également en faveur d'un piège pour la perche.

Le représentant de la Province du N.-B. mentionne que nous devrions également tenir compte de facteurs environnementaux et du changement climatique sur les 5, 10 et 15 prochaines années, et de leurs conséquences pour l'avenir du stock de homard. L'UPM signale qu'un groupe appelé MEOPAR (Marine Environmental Observation Prediction and Response Network) étudie actuellement les effets du changement climatique en collaboration avec des universités.

Brian Adams demande si le bar rayé pourrait être utilisé comme appât. De plus, il exprime des inquiétudes au sujet de récentes mortalités massives de poissons dans la baie de Fundy et de ses effets sur le marché mondial. Le MPO répond qu'il ne sait toujours pas la cause du décès des harengs retrouvés morts sur la plage de la baie St. Mary. Le nombre de harengs morts retrouvés sur la plage est très petit par rapport au nombre pêché, mais nous comprenons que cela pourrait avoir des impacts sur la perception et les marchés. Aucune cause n'a été trouvée.

Bobbi Jenkins, représentant de la ZPH 26A de l'Î.-P.-É. explique qu'il n'a rien à dire pour le moment sur les sous-zones, parce qu'il veut d'abord voir le rapport final de l'étude et en parler aux membres avant de faire des commentaires.

13) Mot de la fin

Le président remercie tous les participants pour leurs commentaires et leur participation à la réunion de consultation. Le président signale que le MPO évaluera comment nous pouvons aller de l'avant à la lumière des commentaires reçus, en hiérarchisant les mesures à prendre et en déterminant s'il faut mettre sur pied un groupe de travail pour traiter certaines questions.

Onglet 1

**Southern Gulf of St. Lawrence Lobster
(SGSL) Advisory Committee meeting
January 11 & 12, 2017
Moncton Delta Beauséjour - Ballroom A**

**DRAFT AGENDA
(EKME : 3686522 v2)**

**Réunion du comité consultatif du
homard du sud du golfe du Saint-Laurent (SGSL)
11 et 12 janvier 2017
Delta Beauséjour Moncton – Salle A**

**ÉBAUCHE de l'ORDRE DU JOUR
(EKME : 3686522 v2)**

Each session be followed by a question/answer/discussion period	Chaque session sera suivi d'une période de questions/réponses/discussion
<u>Wednesday January 11, 2017</u>	<u>Le mercredi 11 janvier 2017</u>
9:00-9:30 AM [M. Lecouffe]	9 h à 9 h 30 [M. Lecouffe]
1. Welcome/Opening Remarks	1. Mots de bienvenue et d'ouverture
9:30-9:45 AM [M. Lecouffe]	9 h 30 à 9 h 45 [M. Lecouffe]
2. Approval of 2013 Meeting Notes	2. Approbation du sommaire de la réunion de 2013
9:45-10:15 AM [M. Maclachlan]	9 h 45 à 10 h 15 [M. Maclachlan]
3. Economic Overview	3. Survol économique
10:15-10:45 AM [K. MacRae]	10 h 15 à 10 h 45 [K. MacRae]
4. Conservation and Protection	4. Conservation et Protection
10:45-11:00 AM - Break	10 h 45 à 11 h - Pause
11:00 AM-12:00 PM [A. Rondeau]	11 h à 12 h [A. Rondeau]
5. Sciences Stock Status Update	5. Sciences - Mise à jour de l'état du stock
6. Collaborative project on bycatch	6. Projet de collaboration sur les prises accidentelles
12:00 PM-1:00 PM – LUNCH (not provided)	12 h à 13 h – DÎNER (non fourni)
1:00 PM-1:30 PM [C. Leblanc]	13 h à 13 h 30 [C. Leblanc]
7. Decision Rules Working Group Update and next steps	7. Mise à jour sur le groupe de travail sur les règles de décisions et prochaines étapes

Tab 1-Continued

**Southern Gulf of St. Lawrence Lobster (SGSL) Advisory Committee meeting
January 11 & 12, 2017
Moncton Delta Beauséjour - Ballroom A
DRAFT AGENDA**

**Réunion du comité consultatif du homard du sud du golfe du Saint-Laurent (SGSL)
11 et 12 janvier 2017
Delta Beauséjour Moncton - Salle A
ÉBAUCHE de l'ORDRE DU JOUR**

DAY 1, continued

1:30 PM-2:00 PM [M.-H. Thériault]
8. Marine Conservation Targets

2:00 PM-2:30 PM
9. E-logs initiative update [D.Doiron]
10. Integrated Fisheries Management Plan (IFMP) Update [J. Massiéra]

2:30 PM-2:45 PM - **Break**

2:45 PM – 3h00 PM [M. LeCouffe & ALL]
11. Current Management Measures
12. Strategic Outlook - Round Table

Question for reflection: What modifications can be made to ensure a sustainable and economically viable lobster fishery in the sGSL for the future?

JOUR 1, suite

13 h 30 à 14 h [M.-H. Thériault]
8. Objectifs de conservation marine

14 h à 14 h 30
9. Mise à jour sur l'initiative des E-logs [D.Doiron]
10. Mise à jour du plan de gestion intégré de pêche (PGIP) [J. Massiéra]

14 h 30 à 14 h 45 - **Pause**

14 h 30 à 16 h 30 [M. LeCouffe et TOUS]
11. Mesures de gestion courantes
12. Regard Stratégique – Tour de Table

Question pour réflexion : Quelle modifications pourraient être faites afin d'assurer une pêche durable et économiquement viable pour l'avenir dans la pêche au homard dans le sud du golfe du Saint-Laurent?

DAY 2

Thursday January 12, 2017

9:00 AM-12:00 PM [ALL]
12. Strategic Outlook, continued

12:00 PM [M. Lecouffe]
13. Closing Remarks

JOUR 2

Le jeudi 12 janvier 2017

9 h à 12 h [TOUS]
12. Regard Stratégique, suite

12 h [M. Lecouffe]
13. Mots de la fin

Terms of Reference / Termes de référence Southern Gulf Lobster Advisory Committee / Comité consultatif du homard du sud du Golfe

Role

The role of the Southern Gulf Lobster Advisory Committee (Committee) is to provide advice to the Department of Fisheries and Oceans (DFO) on the management of the lobster fishery in Areas 23, 24, 25 and 26, that is the Southern Gulf of St. Lawrence (sGSL).

Scope

The Committee contributes to the identification of the goals, the needs and the common management measures related to conservation of the resource and recommends the appropriate tools needed. The Committee provides advice on common management measures and other elements affecting all management areas of the sGSL.

Chairman

The Committee will be chaired by DFO's Director, Resource and Aboriginal Fisheries Management, Gulf Region.

Sub-committees and management committees

Sub-committees or working groups may be tasked with examining and evaluating elements or management measures relevant to the SGSL. Management committees for each individual LFA may take place to discuss specific issue within that LFA.

Proceeding of the meeting

The deliberations of the Committee are public unless the majority of the Committee members decide otherwise prior to the meeting. The deliberations are not to be recorded by the media. Observers are welcome, but do not sit at the discussion table and do not participate in the discussions unless invited to by the Chairman. The Chairman can limit the number of observers if space is limited. Simultaneous translation will be available during the meeting. Representatives of another Federal or Provincial department may be invited to present subject of

Rôle

Le rôle du Comité consultatif du homard du sud du golfe (Comité) est de fournir des conseils au ministère des Pêches et des Océans (MPO) au sujet de la gestion de la pêche du homard dans les zones 23, 24, 25 et 26, soit le sud du golfe du Saint-Laurent (SGSL).

Portée

Le Comité contribue à l'identification des objectifs, des besoins et des mesures de gestion communes liées à la conservation de cette ressource et aussi recommande les outils appropriés. Le Comité fournira des avis sur les mesures de gestion communes et d'autres questions pertinentes au besoin qui touchent l'ensemble des zones de gestion du SGSL.

Présidence

La présidence du Comité est assumée par le directeur de la Gestion de la ressource et des pêches autochtones, région du Golfe, MPO.

Sous-comités et comités de gestion

Des sous-comités ou des groupes de travail spéciaux peuvent être chargés d'examiner et d'évaluer des éléments ou des mesures de gestion pertinentes au SGSL. Les comités de gestions pour chacune des ZPHs individuelles peuvent avoir lieu afin de discuter des enjeux spécifique de cette ZPH.

Déroulement de réunion

Les délibérations du Comité se déroulent devant le public sauf si la majorité de membres du Comité en décident autrement avant le début de la réunion; toutefois, les délibérations ne seront pas enregistrées par les médias. Les observateurs sont les bienvenus mais ne s'assoient pas à la table centrale de discussion et ne participent pas aux discussions à moins d'y être invités par le président. Le président peut limiter le nombre d'observateurs si l'espace est restreint. La traduction simultanée sera disponible durant la réunion. Des représentants d'un autre ministère fédéral ou

interests to Committee members.

Frequency of meetings

The Committee will meet every two to three years and will aim to meet following the release of the Canadian Science Advisory Secretariat (CSAS) report.

Administration

The agenda will be distributed to the Committee at least a month in advance of the Committee meeting and additional information at least two weeks in advance.

The Committee does not proceed by way of voting, rather it seeks to find consensus from the members. In the absence of consensus, the Department will review all the advice provided before recommending a course of action.

The summary of Committee meetings will be prepared and distributed by the Department of Fisheries and Oceans.

Members*

Department of Fisheries and Oceans
Provinces
First Nations
Native Councils
Gulf Region Fish Harvester Associations
Seafood processor associations

provincial peuvent être invités à présenter d'un sujet d'intérêt pour les membres du Comité.

Fréquence des réunions

Le Comité se rencontrera aux deux à trois ans et visera à avoir les rencontres suite à la publication de rapport du Secrétariat canadien de consultation scientifique (SCCS).

Administration

L'agenda sera distribué au Comité au moins un mois à l'avance de la rencontre du Comité et l'information supplémentaires au moins deux semaines en avance. Le Comité n'est régi par aucun protocole de vote; il cherche plutôt à obtenir un consensus de ses membres. En l'absence d'un consensus, le Ministère examinera tous les conseils fournis avant de recommander un plan d'action.

Le sommaire de réunion du Comité sera préparé et distribué par le ministère des Pêches et des Océans.

Membres*

Ministère des Pêches et des Océans
Provinces
Premières Nations
Conseils de bandes
Associations de pêcheurs de la Région du Golfe
Associations des transformateurs

*See attached Advisory Committee Structure

***Advisory (Main Table) Structure – Number of seats**

Department of Fisheries and Oceans – 6

Province of Prince Edward Island (Fisheries) – 1

Province of New Brunswick (Fisheries) – 1

Province of Nova Scotia (Fisheries) – 1

First Nations et Native Councils holding a communal commercial licences in sGSL – 1 each

Fish Harvester Associations representing lobster fish harvesters from the Gulf Region:

- Prince Edward Island Fishermen's Association (PEIFA) – 6
- Maritime Fishermen's Union (MFU) in NB – 6
- Gulf Bonafide Fishermen's Organization – 1
- Gulf Nova Scotia Fishermen's Coalition – 1
- Inverness South Fishermen's Association – 1
- MFU Local 4 – 1
- Northumberland Fishermen's Association – 1
- North of Smokey Fishermen's Association – 1

Seafood processors associations – 1 per province

***Structure du comité (table principale) – nombre de sièges**

Ministère des Pêches et Océans – 6

Province de l'Île-du-Prince Edouard (Pêches) – 1

Province du Nouveau-Brunswick (Pêches) – 1

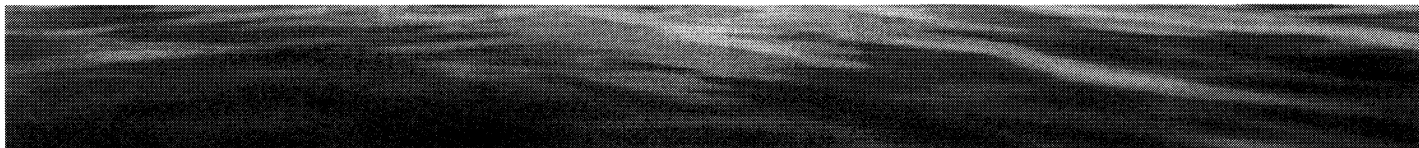
Province de la Nouvelle-Écosse (Pêches) – 1

Premières Nations et conseils avec accès à la pêche du homard dans la Région du Golfe

Associations de pêcheurs représentant les homardiens de la région du Golfe :

- Prince Edward Island Fishermen's Association (PEIFA) – 6
- Union des pêcheurs des Maritime (UPM) du NB – 6
- Gulf Bonafide Fishermen's Organization – 1
- Gulf Nova Scotia Fishermen's Coalition – 1
- Inverness South Fishermen's Association – 1
- UPM Local 4 – 1
- Northumberland Fishermen's Association – 1
- North of Smokey Fishermen's Association – 1

Associations des Transformateurs – 1 par province



LOBSTER FISHERY ECONOMIC SUMMARY – GULF REGION 2018

Background

Canada and the United States are the only two countries that harvest American lobster (*Homarus americanus*). World landings of American lobster have generally increased since 2008. Historic high landings were reached 2016 with landings totalling of 162,833 t.

AMERICAN LOBSTER LANDINGS (metric tons)

Year	Canada	United States	Total
2008	58,984	39,803	98,787
2009	58,342	45,711	104,053
2010	67,277	53,331	120,608
2011	66,978	57,268	124,246
2012	74,790	68,120	142,910
2013	74,686	68,083	142,769
2014	92,779	66,802	159,581
2015	90,875	66,555	157,430
2016	90,624	72,209	162,833
2017p	92,684	66,549	159,233

Source:

<http://www.dfo-mpo.gc.ca/stats/commercial/sea-maritimes-eng.htm>

<http://www.st.nmfs.noaa.gov/commercial-fisheries/commercial-landings/annual-landings/index>

Lobster Council of Canada

Accessed April 23, 2018

On average, for the last ten years (2008-2017), 56% of the landings came from Canada and 44% from the United States. Growth in lobster landings has generally been consistent between the two countries over this time period, with the one major exception being in 2014, where Canada experienced nearly 25% growth in its landings, while US landings have been relatively stable since 2012. Canadian landings have been relatively stable since 2014.

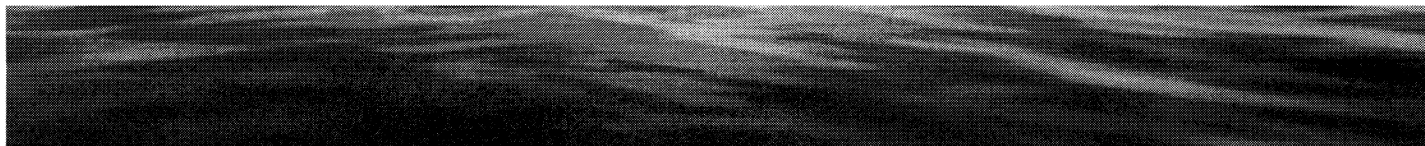
Gulf Region

Lobster is landed at more than 130 ports of the Gulf Region and represents a key species in terms of fishing revenue for coastal communities. With over 30,000 t of lobster landed in 2017, the Gulf Region accounted for approximately 30% of the Canadian volume of lobster landings. Lobster is the main source of income and employment for nearly 3,000 fishing enterprises and directly employs approximately 7,100 harvesters.



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2017 LOBSTER LICENCES IN THE GULF REGION

Lobster Fishing Area	Category A	Category B	Communal Commercial	Total
23	574	30	65	669
24	601		34	635
25	614	5	92	711
26A	658	4	24	686
26B	214	3	9	226
Total	2,661	42	224	2,927

Source: DFO Gulf Region, Fisheries and Aquaculture Management Branch and Policy and Economics Branch

The vast majority of Gulf Region's lobster licence holders operate multispecies enterprises that hold licences for other species such as herring, mackerel or bluefin tuna. However, the lobster fishery is the main source of fishing revenue for most of these enterprises, with the value of lobster landings accounting for an average of approximately 80% of the value of their total landings.

LOBSTER LANDINGS IN THE GULF REGION

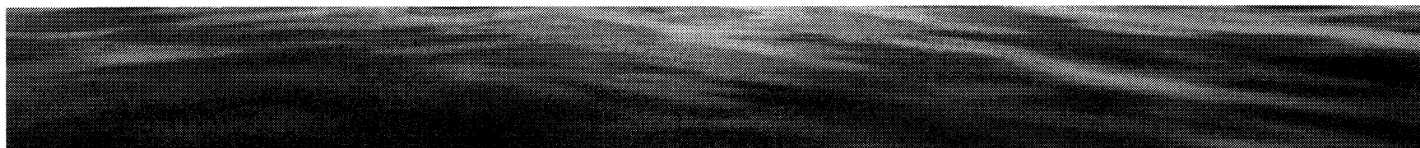
	23	24	25	26A	26B	Total
Volume (metric tons)						
2008	3,446	6,287	3,332	3,836	1,089	17,990
2009	4,019	6,495	3,960	4,100	1,083	19,657
2010	4,600	6,550	4,333	4,255	1,079	20,817
2011	4,647	5,473	4,021	3,860	1,069	19,070
2012	5,038	7,170	5,039	4,893	1,455	23,595
2013	6,523	7,493	5,040	5,698	1,727	26,481
2014	7,201	7,059	5,916	6,444	1,557	28,177
2015	7,564	8,403	5,786	5,753	1,593	29,099
2016p	6,554	7,331	6,481	5,071	1,524	26,961
2017p	7,635	8,462	5,898	6,451	1,922	30,368
Value (thousand dollars)						
2008	34,306	60,712	30,646	39,627	11,853	177,144
2009	28,009	43,306	25,680	30,624	8,966	136,585
2010	32,555	47,851	31,373	32,966	8,950	153,695
2011	38,759	51,397	29,675	37,574	10,793	168,198
2012	42,756	70,666	31,091	50,354	15,095	209,962
2013	43,180	49,651	30,568	41,905	13,612	178,916
2014	57,499	59,795	47,222	56,061	14,804	235,381
2015	76,756	83,328	65,504	61,486	19,439	306,513
2016p	87,085	99,866	85,380	70,699	22,724	365,754
2017p	107,488	119,767	58,311	95,183	30,649	411,398

Source: DFO Gulf Region Statistics Report, accessed April 12, 2018



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In the Gulf Region, the landed value of the lobster fishery, \$411 million, accounted for 51% of the total value of regional landings in 2017p. LFA 24 had the highest landings and landed value in the Gulf Region, as it commonly has over the past 10 years. From 2008 to 2017p, LFAs 23, 24, 25, 26A and 26B experienced an average annual increase in their volume of landings of 10%, 4%, 7%, 7% and 7% respectively. From 2008 to 2017p, LFAs 23, 24, 25, 26A and 26B experienced an average annual increase in their total landed values of 15%, 11%, 11%, 12% and 13% respectively.

LOBSTER LANDED PRICE (\$/lb) IN THE GULF REGION

	Spring Fishery	Fall Fishery	Average Gulf Region
Market Size Lobster			
2008	4.85	4.51	4.80
2009	3.62	3.27	3.56
2010	3.72	3.61	3.70
2011	4.44	3.52	4.29
2012	4.58	3.04	4.33
2013	3.35	2.98	3.30
2014	4.02	3.88	4.00
2015	4.96	5.45	5.03
2016p	6.44	6.20	6.39
2017p	6.79	4.73	6.40
Canner Size Lobster			
2008	4.30	4.01	4.24
2009	2.88	2.78	2.86
2010	3.09	3.12	3.09
2011	3.93	3.26	3.76
2012	4.14	2.65	3.75
2013	2.83	2.58	2.77
2014	3.55	3.40	3.51
2015	4.32	4.92	4.47
2016p	5.91	5.80	5.88
2017p	6.22	4.19	5.82

Source: DFO Gulf Region Statistics Report, Accessed April 12, 2018

Between 2008 and 2013, Atlantic Canada lobster harvesters endured low wharf prices for lobster. The global economic downturn, combined with a strong Canadian dollar, resulted in a decline of the demand for lobster products and led depressed landing prices. High lobster landings during this period exacerbated this downward price pressure. In recent years, however, Gulf Region wharf prices have recovered and in 2016 reached levels not observed in the past 10 years. These gains in price can be attributed to the current weakness of the Canadian Dollar relative to its trading partners as well as increases in international demand for both live and processed products. Spring fishery prices in 2017 maintained these high levels and, while fall fishery prices did decrease in 2017, they remained at above average levels for the past 10 years.

Markets

Lobster landed in Canada in 2017 was destined for the domestic market and for export to 60 countries. In previous years it has been estimated that 75% to 85% of Canadian lobster production was exported. In 2009, Canadian lobster exports reached their lowest point in the last 10 years, falling to \$804 million. Since then Canadian lobster exports have grown year over year at an average rate of 14%, and totalling



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over \$2.1 billion 2017. Although Canadian lobster is exported broadly around the world, the top 10 importing countries account for over 95% of the total export value.

In 2017, 91% of the total value of Canadian exports of lobster came from the Maritime Provinces (New Brunswick, Nova Scotia, Prince Edward Island). The provinces of Quebec and Newfoundland and Labrador accounted for 5% and 3% respectively of this value. In 2017, 68% of the total value of Canadian exports was shipped to the United States, followed by 10% to China, 9% to Europe (primarily Belgium, the United Kingdom, Spain, France, the Netherlands and Italy), 4% to South Korea, 3% to Japan, and 2% to each of Hong Kong and Vietnam. While higher wharf prices for lobster have had a significant impact on the recent growth in Canada's exported value of lobster, many of the largest importing countries are also growing their demand in terms of volume as well. Among Canada's largest markets for exports China (35%), Hong Kong (17%), Japan (10%), South Korea (38%), Belgium (14%), United Kingdom (32%) and Spain (37%) have all averaged at least 10% year over year growth in imported volume over the past 5 years.

In 2017p, the province of Nova Scotia accounted for 78% of the value of all live Canadian lobster exports. The province of New Brunswick accounted for 53% of the value of all processed Canadian lobster exports. The processed lobster includes primarily frozen lobster in shell and frozen lobster meat.

The United States is not only a large consumer of American lobster, but also a major producer. The value of lobster exports from the United States was US\$649 million in 2017, with 37% of the lobster going to Canada.¹ Most of these exports are destined for processing facilities in Canada, mainly in New Brunswick. Most of this supply arrives between late spring and the fall. Once processed, this lobster is exported back to the United States, and its value is therefore included in the reported totals of Canadian processed lobster exports. While the volume of live lobster exported to Canada from all countries increased rapidly between 2008 and 2012 (from 14,500 t to 30,400 t), it has remained at relatively high levels at since that time (24,001 t in 2017).

¹ <http://www.st.nmfs.noaa.gov/commercial-fisheries/foreign-trade/applications/monthly-product-by-countryassociation>



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Lobster Fishery / Pêche au homard

Economic Context / Contexte économique

Strategic Services Branch | Direction des services stratégiques
DFO Gulf Region | MPO Région du Golfe

December 4th- 5th 2018 – 4 - 5 décembre 2018

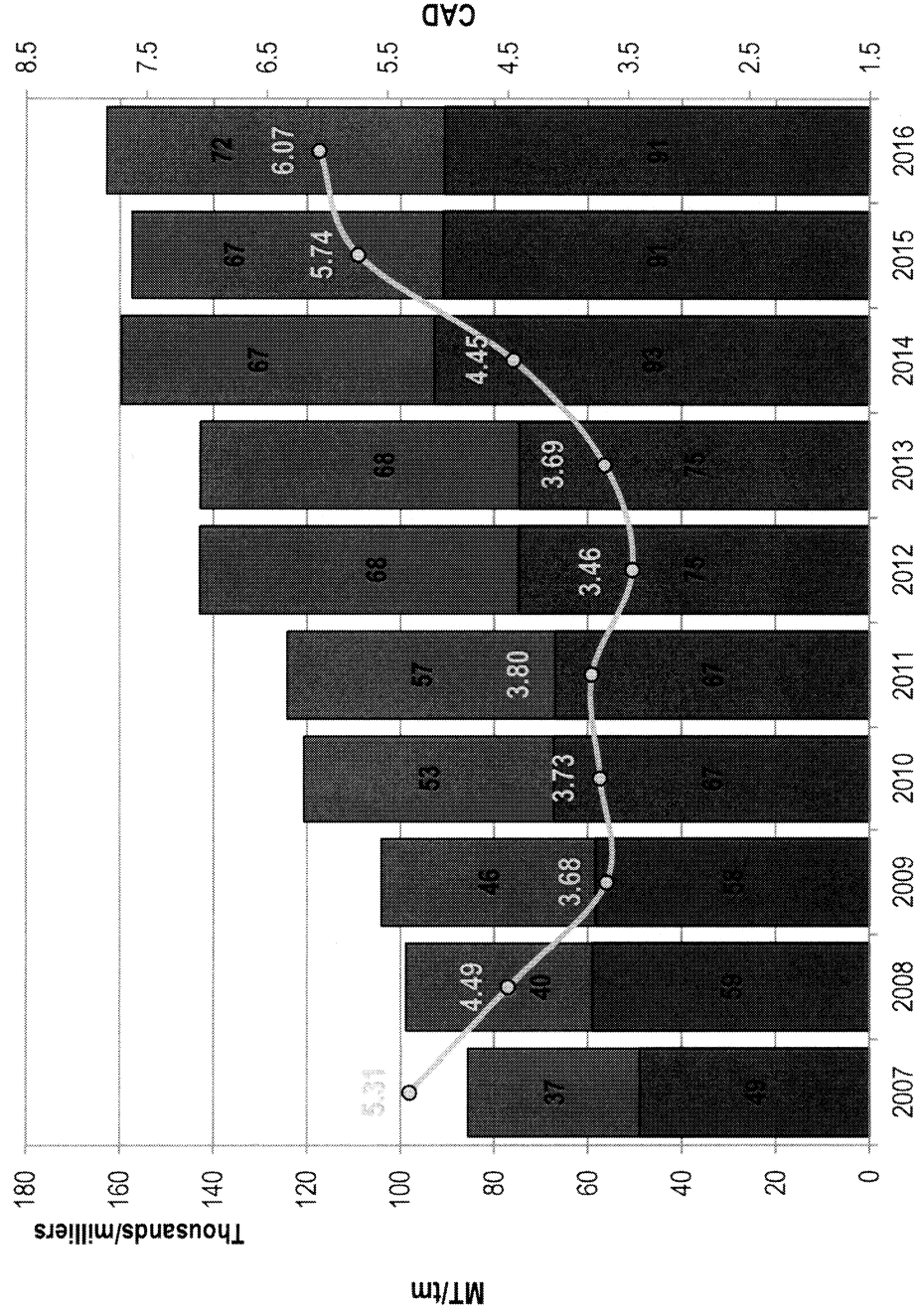
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American Lobster / Homard américain

World Landings / Débarquements mondiaux 2007-2016p

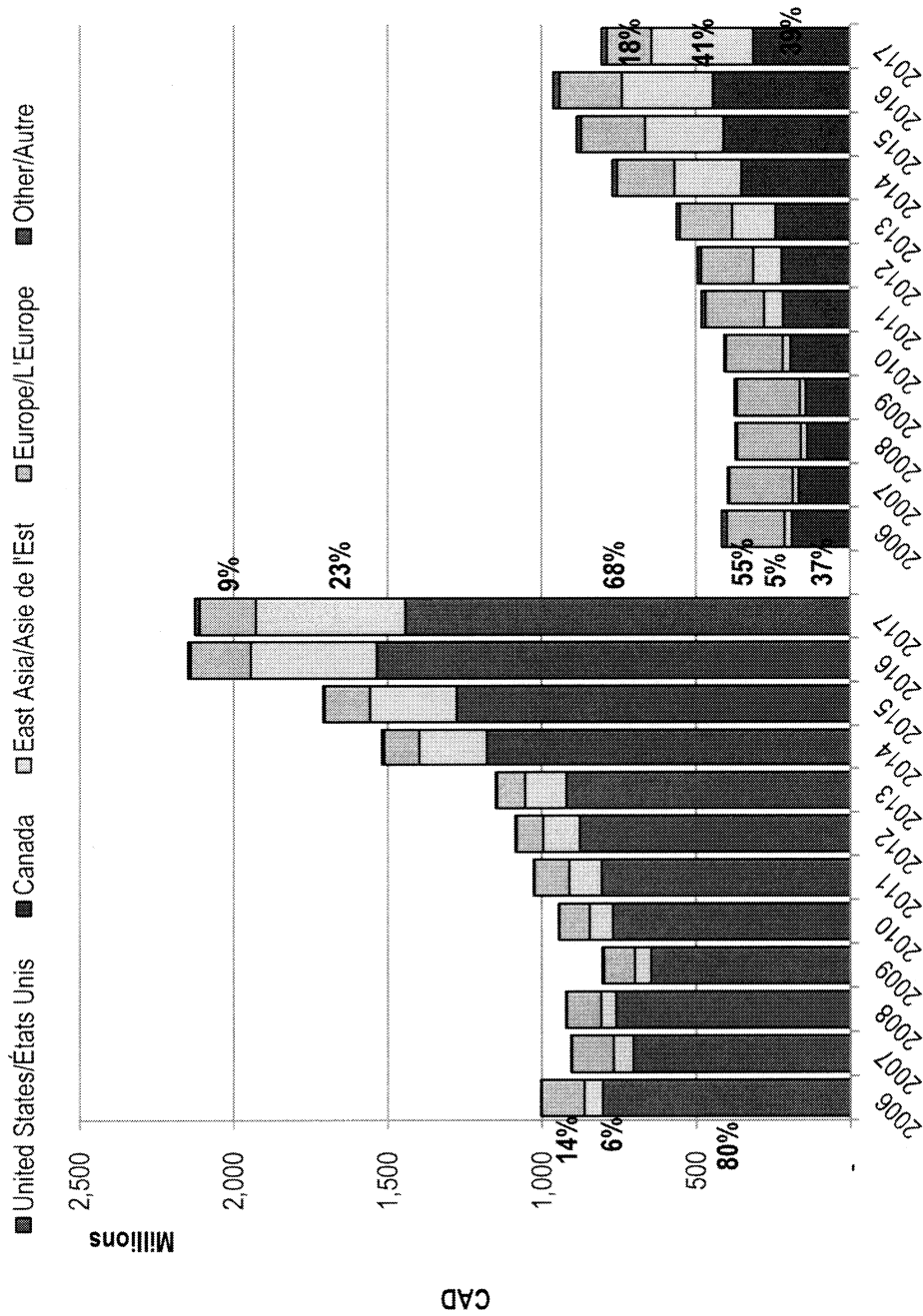
■ Canada ■ United States/États Unis ○ CDN/lbs



- 80% increase in world landings since 2007
- 75% recovery in landed price since 10-year low in 2012
- Augmentation de 80% des débarquements mondiaux
- Récupération de 75% des prix au débarquement depuis un niveau bas de dix ans en 2012



American Lobster / Homard américain Exports / Exportations 2006- 2017



- Interdependence between the Canadian and the American market
- It is estimated that 80% of Canadian lobster production is exported
- Canadian lobster market is strongly dependent on the fluctuations of exchange rates and the economic climate in major destination countries (US, Europe & Asia)

- Interdépendance entre le marché américain et canadien
- On estime que 80% de la production canadienne de homard est exportée
- Le marché canadien du homard est donc fortement dépendant des fluctuations du taux de change et du climat économique des principaux pays destinataires (ÉU, Europe et Asie)



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DFO Gulf Region / MPO Région du Golfe

Lobster Licences Issued in 2017 / Permis de homard émis en 2017

LICENCE TYPE / TYPE DE PERMIS	23	24	25			26A			26B	TOTAL
			AB	PEI/ IPE	NS/ NE	Total	PEI/ IPE	NS/ NE		
COMMERCIAL COMMUNAL / COMMERCIAUX COMMUNAUTAIRES	65	34	87	4	1	92	2	22	9	224
CATEGORY A / CATÉGORIE A	574	601	379	221	14	614	356	302	214	2661
CATEGORY B / CATÉGORIE B	30	-	4	-	1	5	1	3	3	42
TOTAL	669	635	470	225	16	711	359	327	226	2,927

Source: DFO - Compilation PEB DFO Gulf Region / MPO - Compilation DPSE MPO Région du Golfe

Canada

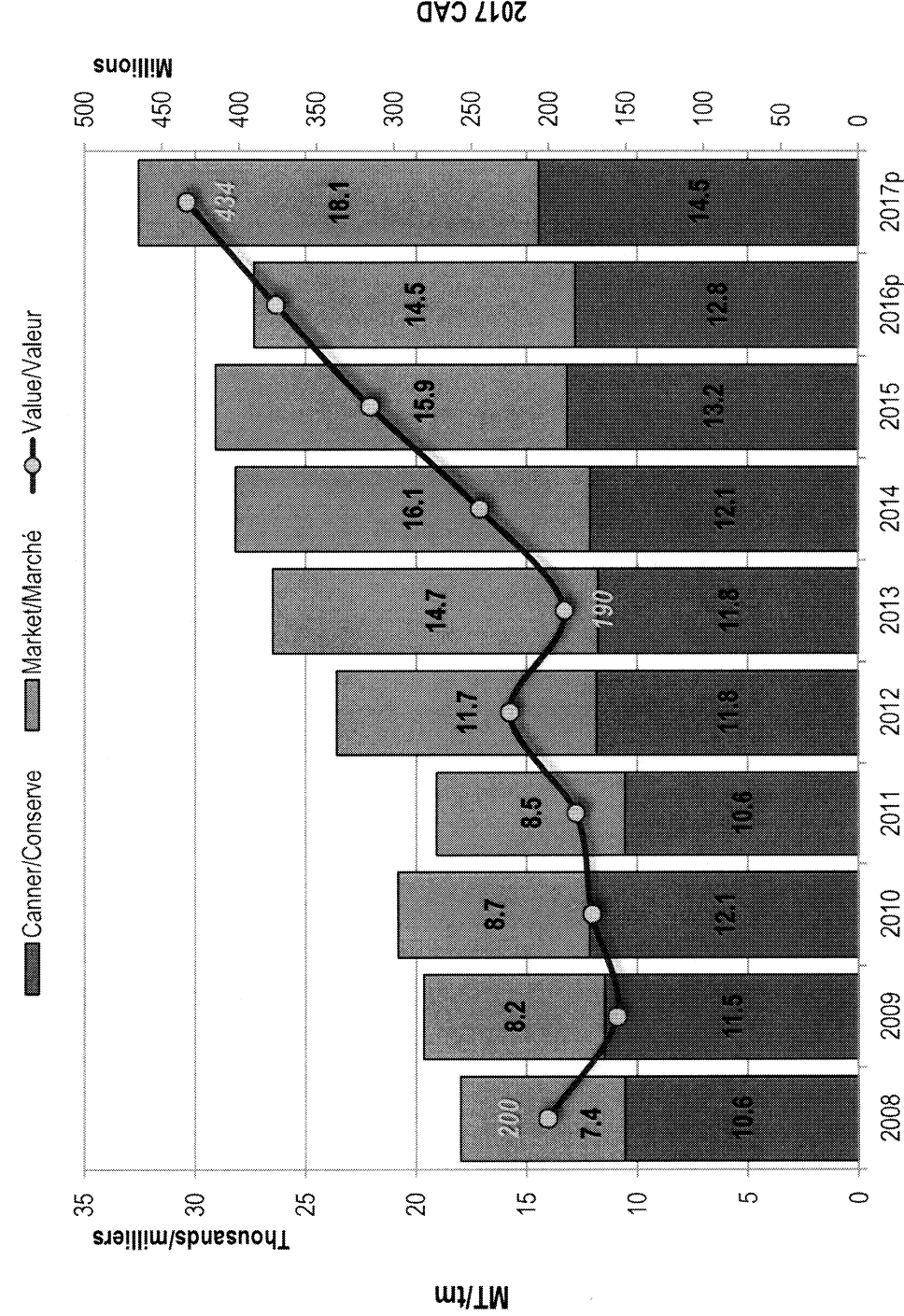
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DFO Gulf Region / MPO Région du Golfe

Historical Lobster Landings / Historique des débarquements de homard



- Preliminary value of lobster landings at \$434M in 2017
 - Proportion of landings of market size lobster gradually increasing (from 41% in 2006 to 56% in 2017p)
 - Minimum canner size also increased (majority of canner landings at 70 mm in 2008 and between 72 mm and 76mm in 2017)
-
- La valeur préliminaire des débarquements de homard se chiffre à 434M\$ en 2017
 - La proportion des débarquements de homards de taille « market » augmente graduellement (de 41% en 2006 à 56% en 2017p)
 - La taille minimale des homard de taille « canner » a aussi augmenté (la majorité des débarquements de « canner » à 70 mm en 2008 et entre 72 mm et 76 mm en 2017)

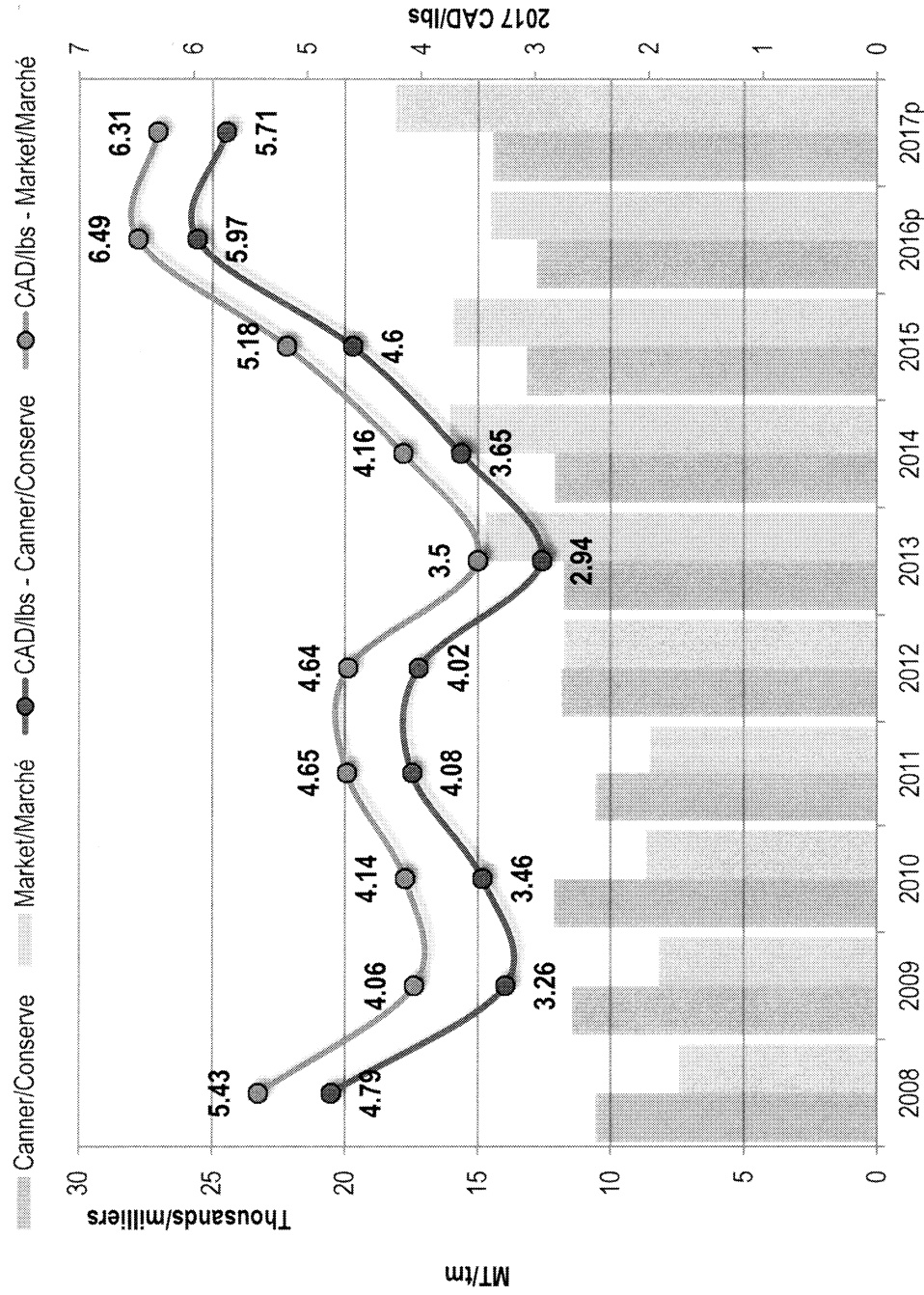
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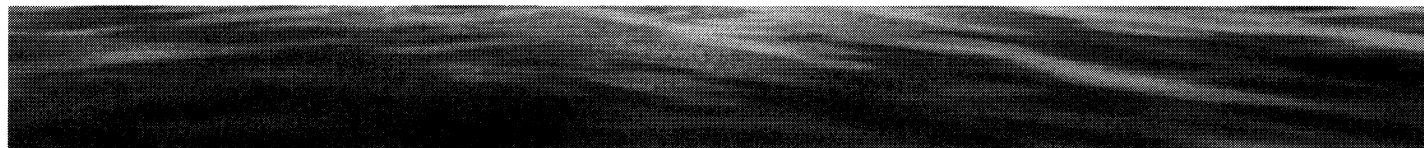


DFO Gulf Region / MPO Région du Golfe

Historical Lobster Landings and Landed Price / Historique des débarquements et des prix au débarquement de homard



- Landed prices in 2017p are approaching pre-2008 levels.
- Price decreases in 2017p are likely due to increases in landed volume, similar to 2012-13
- Preliminary reports indicate prices may have decreased in 2018
- Les prix au débarquement sont presque au niveau d'avant 2008.
- La diminution des prix en 2017 est probablement le résultat de l'augmentation des débarquements, similaires à 2012-13.
- Les rapports préliminaire indiquent que les prix pourraient avoir diminué en 2018.



SURVOL ÉCONOMIQUE DE LA PÊCHE AU HOMARD – RÉGION DU GOLFE 2018

Contexte

Le Canada et les États-Unis sont les deux seuls pays à pêcher le homard d'Amérique (*Homarus americanus*). Les débarquements mondiaux de homard d'Amérique ont généralement augmenté depuis 2008. Les débarquements ont atteint un sommet historique en 2016 avec un total de 162 833 t.

DÉBARQUEMENTS DE HOMARDS D'AMÉRIQUE (Tonnes métriques)

Année	Canada	États-Unis	Total
2008	58 984	39 803	98 787
2009	58 342	45 711	104 053
2010	67 277	53 331	120 608
2011	66 978	57 268	124 246
2012	74 790	68 120	142 910
2013	74 686	68 083	142 769
2014	92 779	66 802	159 581
2015	90 875	66 555	157 430
2016	90 624	72 209	162 833
2017p	92 684	66 549	159 233

Sources :

<http://www.dfo-mpo.gc.ca/stats/commercial/sea-maritimes-fra.htm>

<http://www.st.nmfs.noaa.gov/commercial-fisheries/commercial-landings/annual-landings/index>

Conseil Canadien pour le homard

Liens consultés le 23 avril 2018

En moyenne, au cours des dix dernières années (2008 à 2017), 56 % des débarquements provenaient du Canada et 44 % provenaient des États-Unis. La croissance des débarquements de homard a généralement été semblable entre les deux pays pendant cette période, l'exception principale étant en 2014, où le Canada a connu une croissance de près de 25 % dans ses débarquements, alors que les débarquements américains sont relativement stables depuis 2012. Les débarquements canadiens sont relativement stables depuis 2014.

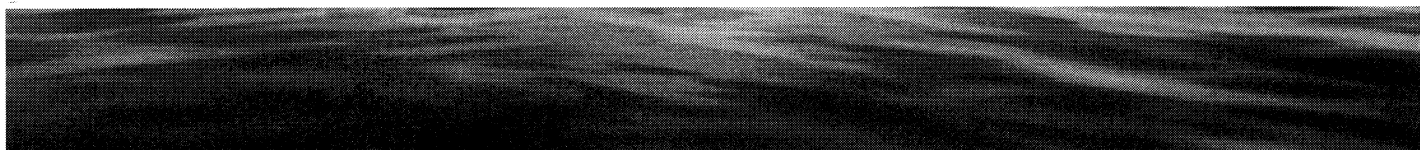
Région du Golfe

Le homard est débarqué dans plus de 130 ports de la région du Golfe et constitue une espèce clé en termes de revenu de la pêche dans les communautés côtières. Avec plus de 30 000 t de homard débarquées en 2017, la région du Golfe a contribué approximativement à 30 % du volume canadien des débarquements de homard. Le homard constitue la principale source de revenus et d'emplois pour près de 3 000 entreprises de pêche, et le secteur du homard emploie directement environ 7 100 pêcheurs.



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PERMIS DE PÊCHE DU HOMARD ÉMIS EN 2017 DANS LA RÉGION DU GOLFE

Zone de pêche du homard	Permis			Total
	Catégorie A	Catégorie B	communautaires de pêche commerciale	
23	574	30	65	669
24	601		34	635
25	614	5	92	711
26A	658	4	24	687
26B	214	3	9	226
Total	2 661	42	224	2 927

Sources : Région du Golfe du MPO, Direction de la gestion des pêches et de l'aquaculture et Direction des politiques et des services économiques

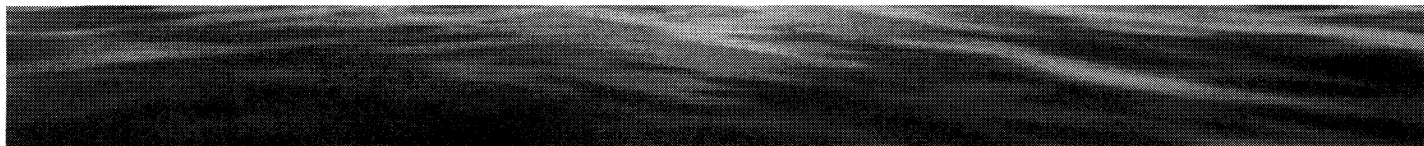
La majeure partie des titulaires de permis de pêche au homard dans la région du Golfe pêchent plusieurs espèces, comme le hareng, le maquereau et le thon rouge. Néanmoins, la pêche du homard est la principale source de revenus pour la plupart de ces entreprises, d'ailleurs la valeur des prises de homard représente en moyenne environ 80 % de la valeur des débarquements totaux.

La valeur au débarquement de la pêche du homard dans la région du Golfe, est de 411 millions de dollars, ce qui correspond à 51 % de la valeur totale des débarquements de la région en 2017p. Au cours des dix dernières années, la ZPH 24 a enregistré les plus grands volumes de débarquements et la valeur au débarquement la plus élevée de toutes les ZPH de la région du Golfe. De 2008 à 2017p, les ZPH 23, 24, 25, 26A et 26B ont enregistré des augmentations annuelles moyennes de leurs volumes de débarquements de 10 %, 4 %, 7 %, 7 % et 7 %, respectivement. De 2008 à 2017p, les ZPH 23, 24, 25, 26A et 26B ont enregistré des augmentations annuelles moyennes de leurs valeurs de débarquements de 15 %, 11 %, 11 %, 12 % et 13 %, respectivement.



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DÉBARQUEMENTS DE HOMARD DANS LA RÉGION DU GOLFE

	23	24	25	26A	26B	Total
	Volume (tonnes métriques)					
2008	3 446	6 287	3 332	3 836	1 089	17 990
2009	4 019	6 495	3 960	4 100	1 083	19 657
2010	4 600	6 550	4 333	4 255	1 079	20 817
2011	4 647	5 473	4 021	3 860	1 069	19 070
2012	5 038	7 170	5 039	4 893	1 455	23 595
2013	6 523	7 493	5 040	5 698	1 727	26 481
2014	7 201	7 059	5 916	6 444	1 557	28 177
2015	7 564	8 403	5 786	5 753	1 593	29 099
2016p	6 554	7 331	6 481	5 071	1 524	26 961
2017p	7 635	8 462	5 898	6 451	1 922	30 368
	Valeur (milliers de dollars)					
2008	34 306	60 712	30 646	39 627	11 853	177 144
2009	28 009	43 306	25 680	30 624	8 966	136 585
2010	32 555	47 851	31 373	32 966	8 950	153 695
2011	38 759	51 397	29 675	37 574	10 793	168 198
2012	42 756	70 666	31 091	50 354	15 095	209 962
2013	43 180	49 651	30 568	41 905	13 612	178 916
2014	57 499	59 795	47 222	56 061	14 804	235 381
2015	76 756	83 328	65 504	61 486	19 439	306 513
2016p	87 085	99 866	85 380	70 699	22 724	365 754
2017p	107 488	119 767	58 311	95 183	30 649	411 398

Source : Rapport Statistique de la région du Golfe, MPO . Consulté le 12 avril 2018

De 2008 à 2013, les pêcheurs de homard du Canada atlantique ont fait face à de faibles prix au débarquement pour le homard. Le ralentissement économique mondial s'est soldé par un déclin de la demande de produits du homard qui, combiné à un dollar canadien fort, ont entraîné des prix au débarquement plus faibles. Des débarquements élevés de homard ont exacerbé la pression à la baisse sur les prix. Au cours des dernières années, cependant, les prix au débarquement dans la région du Golfe se sont redressés et, en 2016, ont atteint un niveau qui n'avait pas été observé depuis 10 ans. Ces augmentations de prix peuvent être attribuées à la diminution actuelle du dollar canadien par rapport à ses partenaires commerciaux ainsi qu'à l'augmentation de la demande internationale pour le homard vivant et les produits transformés. Les prix pour le homard du printemps 2017 ont maintenu ces niveaux élevés, cependant les prix pour l'automne ont diminué en 2017, par contre ils sont demeurés à des niveaux supérieurs à la moyenne des 10 dernières années.



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PRIX AU DÉBARQUEMENT DU HOMARD (\$/LB) DANS LA RÉGION DU GOLFE

	Pêche du printemps	Pêche d'automne	Moyenne dans la région du Golfe
Homard de taille de marché			
2008	4,85	4,51	4,80
2009	3,62	3,27	3,56
2010	3,72	3,61	3,70
2011	4,44	3,52	4,29
2012	4,58	3,04	4,33
2013	3,35	2,98	3,30
2014	4,02	3,88	4,00
2015	4,96	5,45	5,03
2016p	6,44	6,20	6,39
2017p	6,79	4,73	6,40
Homard de conserve			
2008	4,30	4,01	4,24
2009	2,88	2,78	2,86
2010	3,09	3,12	3,09
2011	3,93	3,26	3,76
2012	4,14	2,65	3,75
2013	2,83	2,58	2,77
2014	3,55	3,40	3,51
2015	4,32	4,92	4,47
2016p	5,91	5,80	5,88
2017p	6,22	4,19	5,82

Source : DFO Gulf Region Statistics Report. Consulté le 12 avril 2018

Marchés

Le homard débarqué au Canada en 2017 était destiné au marché national et à l'exportation vers 60 pays. Au cours des dernières années, il a été estimé que 75 à 85 % de la production canadienne de homard était exportée. En 2009, les exportations ont chuté à 804 millions de dollars, atteignant leur point le plus bas au cours des 10 dernières années. Depuis, les exportations canadiennes de homard ont augmenté d'une année à l'autre à un taux moyen de 14%, passant à 2,1 milliards de dollars en 2017p. Bien que le homard du Canada soit exporté partout à travers le monde, environ 10 de ces pays importateurs représentent plus que 95 % de la valeur totale des exportations.

En 2017p, 91 % de la valeur totale des exportations canadiennes de homard provenaient des provinces maritimes (Nouveau-Brunswick, Nouvelle-Écosse, Île-du-Prince-Édouard). Les provinces du Québec et de Terre-Neuve-et-Labrador ont respectivement contribué à 5 % et à 3 % de la valeur totale des exportations canadiennes de homard. Pour ce qui est de la valeur, en 2017p, 68 % des exportations canadiennes de



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homard ont été expédiées aux États-Unis, 10 % en Chine, 9 % en Europe (principalement en Belgique, au Royaume-Uni, en Espagne, en France, aux Pays-Bas, et en Italie), 4 % en Corée du Sud, 3 % en Japon et 2 % respectivement à Hong-Kong et au Vietnam. Alors que les prix plus élevés au débarquement pour le homard ont eu un impact significatif sur la croissance récente de la valeur exportée du homard au Canada, plusieurs des pays importateurs importants augmentent également leur demande en termes de volume. Au cours des cinq dernières années, la Chine (35%), Hong Kong (17%), le Japon (10%), la Corée du Sud (38%), la Belgique (14%), le Royaume-Uni (32%), et l'Espagne (37%) ont tous connu une augmentation de 10% d'une année à l'autre en volume importé et ce pour les cinq dernières années.

En 2017p, la province de la Nouvelle-Écosse a contribué à 78 % de la valeur totale des exportations canadiennes de homard vivant. La province du Nouveau-Brunswick a contribué à 53 % de la valeur totale des exportations canadiennes de homard transformé. Le homard transformé comprend principalement du homard surgelé en coquille et de la viande de homard surgelée.

Les États-Unis sont non seulement un grand consommateur de homard d'Amérique, mais aussi un producteur important. En 2017, la valeur des exportations de homard des États-Unis était de 649 millions de dollars américains, et 37 % du homard était envoyé à destination du Canada¹. Les États-Unis exportent le homard vers le Canada, principalement vers le Nouveau-Brunswick, aux fins de transformation. La plupart de cette offre arrive entre la fin du printemps et de l'automne. Une fois transformé, le homard est réexporté vers les États-Unis, où il a été débarqué à l'origine, et sa valeur est donc incluse dans la valeur des exportations canadiennes de homard transformé. Le volume des exportations de homard vivant vers le Canada a augmenté rapidement entre 2008 et 2012 (de 14 500 t à 30 400 t), il est cependant demeuré relativement stable à ces hauts niveaux depuis ce temps (24 001 t en 2017).

¹ <http://www.st.nmfs.noaa.gov/commercial-fisheries/foreign-trade/applications/monthly-product-by-countryassociation>



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Lobster Fishery

Strategic Outlook - Review of Points from 2017

December 4th- 5th, 2018

Canada

001036



Review of points from 2017

- 1) Request for an update on the status of including the owner-operator into the *Fisheries Act*.
- 2) Review the current advisory meeting 3-year cycle as meetings should be held more frequently.
- 3) Need for more timely, accurate and measurable landing data for scientific and business purposes.



Continued

- 4) Sub-zones could be profitable to implement pilot projects or for trying new progressive management measures.
- 5) Support for same minimum legal carapace size in all LFA is not there yet but is being more widely accepted than before.
- 6) Need to explore alternative sources for bait. It was suggested to create a working group.



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Continued

7) Need for the exploration of fishery-independent stock indicators.

8) Increased transparency, sharing of information and consultations are required with industry on the next steps of the marine protection and oceans initiatives.



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Pêche au homard

Regard stratégique – révision des points de 2017

Le 4 et 5 décembre, 2018

Canada

001040



Révision des points de 2017

- 1) Demande de faire le point sur les travaux visant à assujettir les propriétaires-exploitants à la *Loi sur les pêches*.
- 2) Examen pour voir si les réunions du comité consultatif devraient être organisées plus souvent que tous les trois ans.
- 3) Besoin de données de débarquement plus rapides, précises et mesurables à des fins scientifiques et commerciales.



Suite

- 4) Dans les sous-zones, il pourrait être profitable de mettre en œuvre des projets pilotes ou d'essayer de nouvelles mesures de gestion progressive.
- 5) Il n'y a pas suffisamment de soutien pour l'imposition d'une taille minimale légale de la carapace dans toutes les ZPH, mais son imposition est plus largement acceptée qu'auparavant.
- 6) Il faut examiner d'autres sources d'appât. Il a été suggéré de créer un groupe de travail.

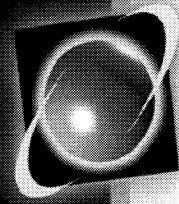


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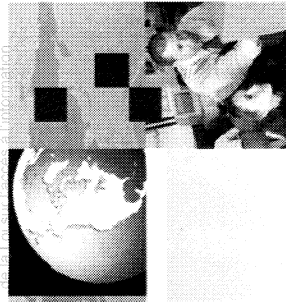
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Suite

- 7) Il faut examiner les indicateurs de stocks qui sont indépendants de la pêche.
- 8) Il faut plus de transparence, ainsi que de partage de renseignements et de consultations avec l'industrie sur les prochaines étapes des initiatives de protection du milieu marin et des océans.



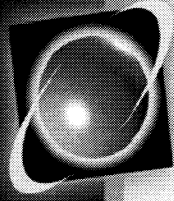
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Lobster Catch Monitoring Feasibility Study

Lonnie McNeill, Senior Consultant

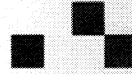


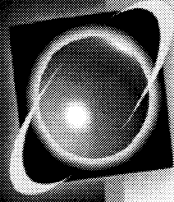


Principal Objective

Develop a Feasibility Study/Provide An Implementation Plan for
Catch Monitoring in the Gulf Region Lobster Fishery

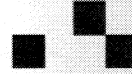
- Improve the Quality and Reliability of Landing Data
- Enhance the Lobster Stock Science Assessment
- Enhance DFO's Ability to Make Informed Fisheries Management Decisions for a Sustainable Fishery
- 2016 Report of the Commissioner of the Environment and Sustainable Development
- UN 2030 Agenda for Sustainable Development

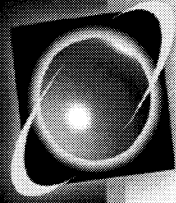




Tasks as outlined in DFO RFP

- Task 2.1.1 - Present Facts on Gulf Region Lobster Fishery
- Task 2.1.2 - Review DMP and Identify Gaps
- Task 2.1.3 - Develop Catch Monitoring Implementation Plan
- Task 2.1.4 - Provide Recommendation of Staff Requirements
- Task 2.1.5 - Provide Cost Analysis

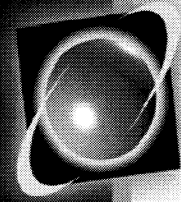




Approach/Conduct of Study

- Phase I: Read-In/Gathering of Information 20 Feb – 11 Mar
- Phase II: On-Site Visits 12-28 Mar
- Phase III: Analysis/Option Development 29 Mar – 26 Apr
- Phase IV: Reporting 27 Apr – 31 May

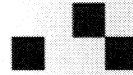


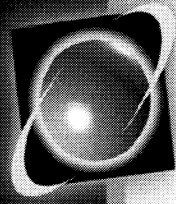


2016 Facts

AREA	PEI	ENB	GNS	TOTAL
# of LICENSES	1,274	1,105	584	2,963
# of TRIPS	59,176	35,899	24,880	119,955
# of WHARVES	64	54	49	167
AVG # TRIPS PER WHARF	925	665	508	718

LFA	23	24	25	26A	26B	TOTAL
# of LICENSES	679	683	647	736	218	2,963
# of TRIPS	21,869	31,043	25,173	32,424	9,446	119,955
# of WHARVES	31	29	39	52	18	167
AVG # TRIPS PER WHARF	705	1,070	645	624	525	718

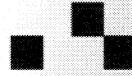


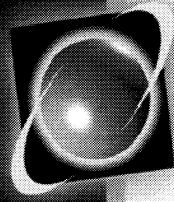


Analysis of Facts

- PEI accounts for 43% of licenses and 49.3% of trips
- ENB accounts for 37.3% of licenses and 29.9% of trips
- GNS accounts for 19.7% of licenses and 20.8% of trips
- 48 busiest ports see over 76% of total trips in the Gulf

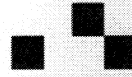
Region

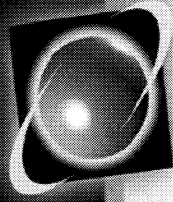




Dockside Monitoring Program – Gaps

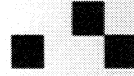
- Using number of buying stations as an approximate guide to determine number of dockside monitors needed for 100% monitoring:
 - Prince Edward Island - 91 spring/22 summer/fall
 - New Brunswick - 62 spring/44 summer/fall
 - Nova Scotia - 78 spring/4 summer/fall
- **Total – 231 spring/70 summer/fall**

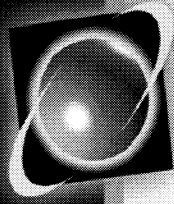




Options for Catch Monitoring in 2019

1. Use of ELOG with Random Checks by Compliance Officers
2. Data Entry Only
3. Pilot Project in one LFA or Sub-Area
4. Partial Monitoring (Commencing at 10%)
5. Full 100% Monitoring
6. Delay Monitoring Until 2020

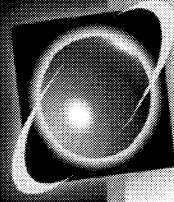




Option 1 - Use of ELOG with Random Checks by Compliance Officers

- **Advantages**
 - ELOG, once configured to capture required fishery information and fully implemented, will provide required data in real time
 - Does not affect efficiency of offloading
 - Takes away requirement for paper log book
- **Disadvantages**
 - Except for the random checks, does not provide independent third-party verification
 - Potential increased costs to expedite implementation of ELOG
 - There may be delays as DFO information systems are adapted for ELOG



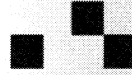


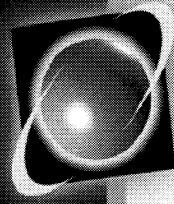
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Option 2 - Data Entry Only

- **Advantages**
 - Provides greater lead time for DMCs to prepare for full dockside monitoring
 - DMCs/fishers/buyers can establish a working relationship in dealing with the log entries
 - DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for dockside monitors in the following year
 - Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations
- **Disadvantages**
 - No verification of what is being caught for first year
 - Could adversely affect current arrangements in Statistics for part time data entry staff
 - Greater likelihood of having missing/inaccurate catch data





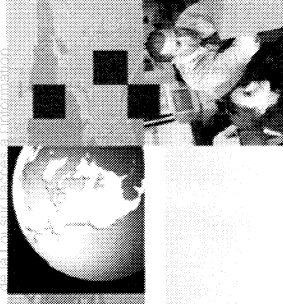
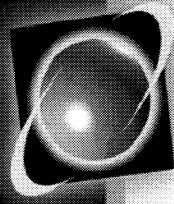
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Option 3 - Pilot Project in one LFA or Sub-Area

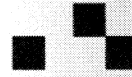
- **Advantages**
 - Allows testing of implementation plan on a smaller scale to provide lessons learned for smoother transition/implementation in the rest of the region
 - Reduced cost
 - Allow DFO resources to focus on one area
- **Disadvantages**
 - May not be well received in the area selected for the trial
 - Will be challenging for DMCs in selected area
 - Delays overall implementation
 - Would require a different log book; as a result, two different logs could be in use in the Gulf Region if the other areas do not use new log book





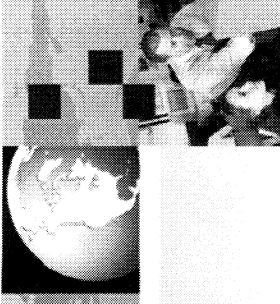
Option 4 - Partial Monitoring (Commencing at 10%)

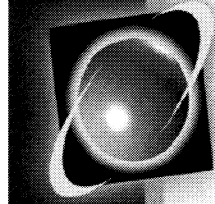
- **Advantages**
 - DMCs can develop new business model
 - DMCs don't need to hire/train/deploy as many dockside monitors at once
 - Ease toward achieving desired end state
 - Greater flexibility to move observers around to get the required coverage
 - Decreases the risk of failure
 - Decreases the likelihood of having delays in offloading and causing dissatisfaction among buyers/fishers
- **Disadvantages**
 - Higher likelihood of having missing/inaccurate catch data until full implementation is realized
 - Incomplete information on catches could potentially impact analysis



Option 5 - Full 100% Monitoring

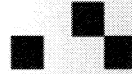
- **Advantages**
 - Supports recognition of requirement for catch monitoring by DFO
 - There are no discrepancies in information - fishers/buyers throughout the region are operating under the same conditions
 - Increased employment opportunities in each province
 - Help identify trends, challenges and problems quickly
 - Could help alleviate ongoing challenge regarding availability of sufficient numbers of dockside monitors
 - Potential to reach desired end state of sustainable lobster fishery more quickly
- **Disadvantages**
 - Risk that DMCs do not have time to develop new business model, potentially overwhelming DMCs in hiring/training/deploying sufficient observers to handle the increased workload
 - No backup if the DMCs fall short in recruitment
 - Greater potential for delays offloading the catch, thereby causing dissatisfaction among buyers/fishers

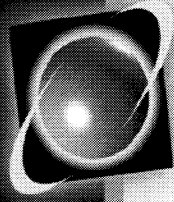




Option 6 - Delay Monitoring Until 2020

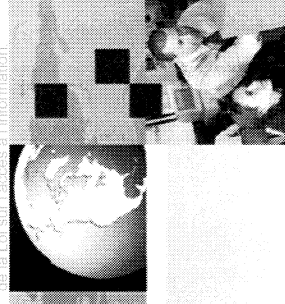
- **Advantages**
 - Provides greater lead time for DMCs to prepare for full dockside monitoring
 - DMCs/fishers/buyers can establish a working relationship in dealing with the log entries
 - DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for dockside monitors in the following year
 - Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations
- **Disadvantages**
 - No verification of what is being caught for first year
 - Continued likelihood of having missing/inaccurate catch data

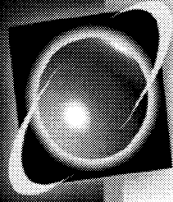




DMC Staffing Requirements

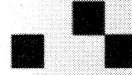
- Current Dockside Monitors
 - 90-100
- Anticipated Dockside Monitors
 - 210-250 for the spring season
 - 60-80 for the summer/fall season
- Data Entry
 - Approximately 10
 - One or two people per DMC

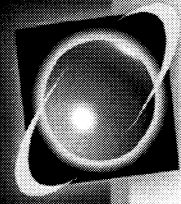




DFO Staffing Requirements

- Statistics Division
- Conservation and Protection

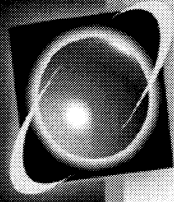




Estimated Costs

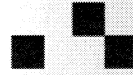
Year	Data Entry	Monitoring	Total Program Cost
2019	\$540,000	10% - \$420,000 - \$540,000	\$960,000 - \$1,080,000
2020	\$450,000	25% - \$1,050,000 - \$1,350,000	\$1,500,000 - \$1,800,000
2021	\$300,000	50% - \$2,100,000 - \$2,700,000	\$2,400,000 - \$3,000,000
2022	\$150,000	75% - \$3,150,000 - \$4,050,000	\$3,300,000 - \$4,200,000
2023		100% - \$3,600,000 - \$4,800,000	\$3,600,000 - \$4,800,000

Cost per trip estimated at \$30-\$40

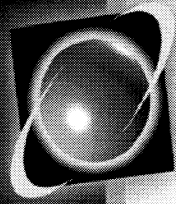


Summary

- Dockside monitoring in the Gulf Region lobster fishery is feasible
- Range of options available
- Recruiting, training, retaining dockside monitors for 100% monitoring and requirement for DMCs to adapt/revise business processes accordingly is biggest challenge – phased approach provides greater chance for success
- Use of technology important
- Continued engagement with all stakeholders is key



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ELECTRONIC LOGBOOK **(ELOG)**

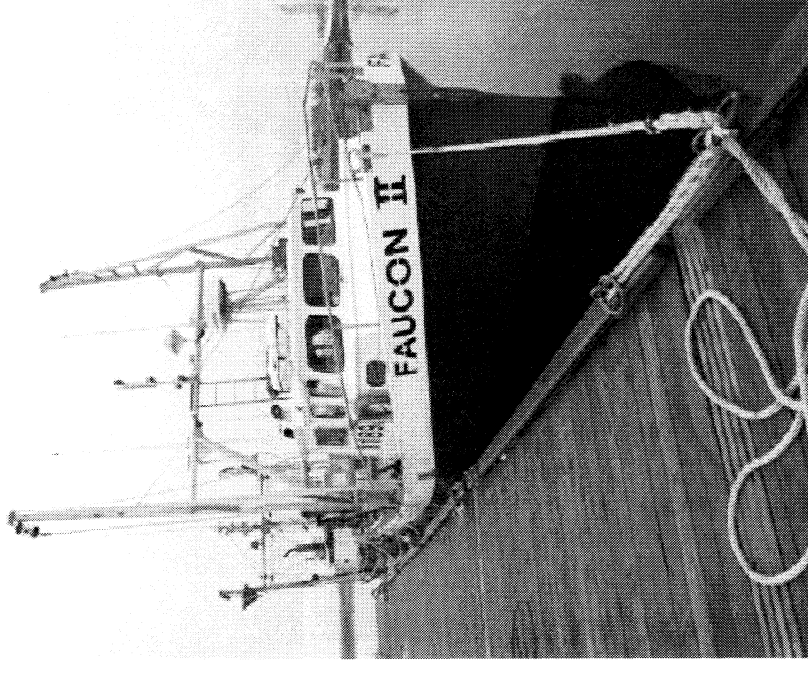
Presentation to Industry
2018 - 2019



Presentation overview

Project background Objectives and advantages

- Technical aspects
 - Overview of the implementation phases
- ## Implementation strategy
- ## In the field





Project Background

- In accordance with DFO-issued licence conditions, most fisheries require fish harvesters to collect and submit catch and effort information to the Department using paper logbooks;
- There are currently approximately 100 different paper logbooks in use in various fisheries to submit catch and effort information to DFO;
- Information from these paper logs must be transcribed (either by DFO personnel or by third parties) into DFO regional data systems.



Project background (continued)

- The ELOG client applications will enable fish harvesters to transmit this information using electronic files;
- Several fleets presently have some applications available:
 - Quebec: herring, snow crab and lobster
 - Gulf: snow crab
- Demand from industry to have access to ELOG;
- National priority.



National projet objectives

- Modernization – move from paper to electronic format;
- Enhance data reporting;
- The national ELOG system will eventually be integrated into and form part of the broader initiative to modernize DFO's Ecosystems and Fisheries Management systems.



Advantages of ELOGS

- More accurate and timely reporting;
- Information will be more quickly and easily accessible to all sectors that use it;
- Supports sustainable management of fisheries resources;
- Improved ability to gather data for traceability and eco-certification.



Implementation phases by fishery

- Phase 1 – Implementation and optional years
 - First year that an application is available for this fishery or fleet;
 - Paper logbooks are still available;
 - Learning period for DFO and fish harvesters.
 - Subsequent years when ELOGS are optional;
 - Participation increases gradually;
 - Suggestions and opportunities are discussed;
 - Paper logbooks are still available.



Phases...continued

- **Phase 2 -- Mandatory**
 - First year, therefore ELOGS are mandatory;
 - Paper logbooks are no longer available.
- **Phase 3 - Maintenance and improvements**
 - Subsequent years when ELOGS are mandatory;
 - New versions of ELOGS could be considered in order to refine the information and the process.



Gulf fleets in Phase I

- **Snow crab (traps):** Traditional fleets, mid-shore, Area 12.
- **Shrimp (trawl):** Gulf of St. Lawrence, group B, traditional fleet, New Brunswick fish harvesters. Areas 10 (Sept-Iles), 9 (Anticosti) and 8 (Esquiman).
- **Lobster:** From 2019...



Next fleets proposed for the Gulf

Work will continue to improve participation in the following fisheries:

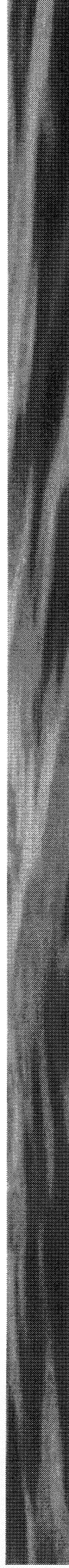
- Snow crab
- Shrimp
- Lobster

The next ELOGS to be developed will be discussed over the next year.



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The electronic logbook

In the field



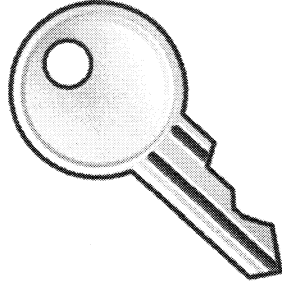
Client Applications

- List of qualified applications available on DFO's web page;
- Fleet specific products;
- Fish harvesters must ensure they are using an application approved by DFO.
- Applications are developed by the private sector in accordance to the Department's established standards.



Obtaining an ELOG key

- The ELOG key is required to transfer data to DFO;
- It is generated through DFO's web page;
- One time operation upon installation of the client application.





Use

Intelligent phone, tablet or computer;

Data entry does not require Internet connection;

- Data group closure;
 - Secure data transmission to DFO;
- Correction of data (via DFO);
- Archive (minimum three years).



One Elog unique ID per trip

- The application generates a unique identifier for each fishing trip;
AVZQRS
- Fish harvesters must provide this number to all its users (DMP, observers, buyers, etc);
- The ELOG unique ID will allow DFO to link the different sources of data for a single fishing trip.



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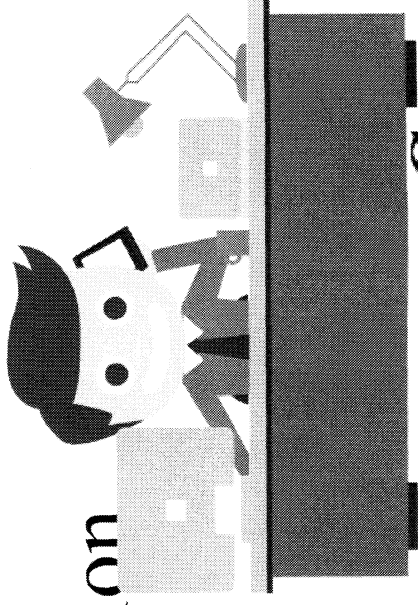
Technical Support

DFO

- ELOG key;
- Requests to correct data that has been sent;
- Data field questions.

Client application provider

- Support related to the application



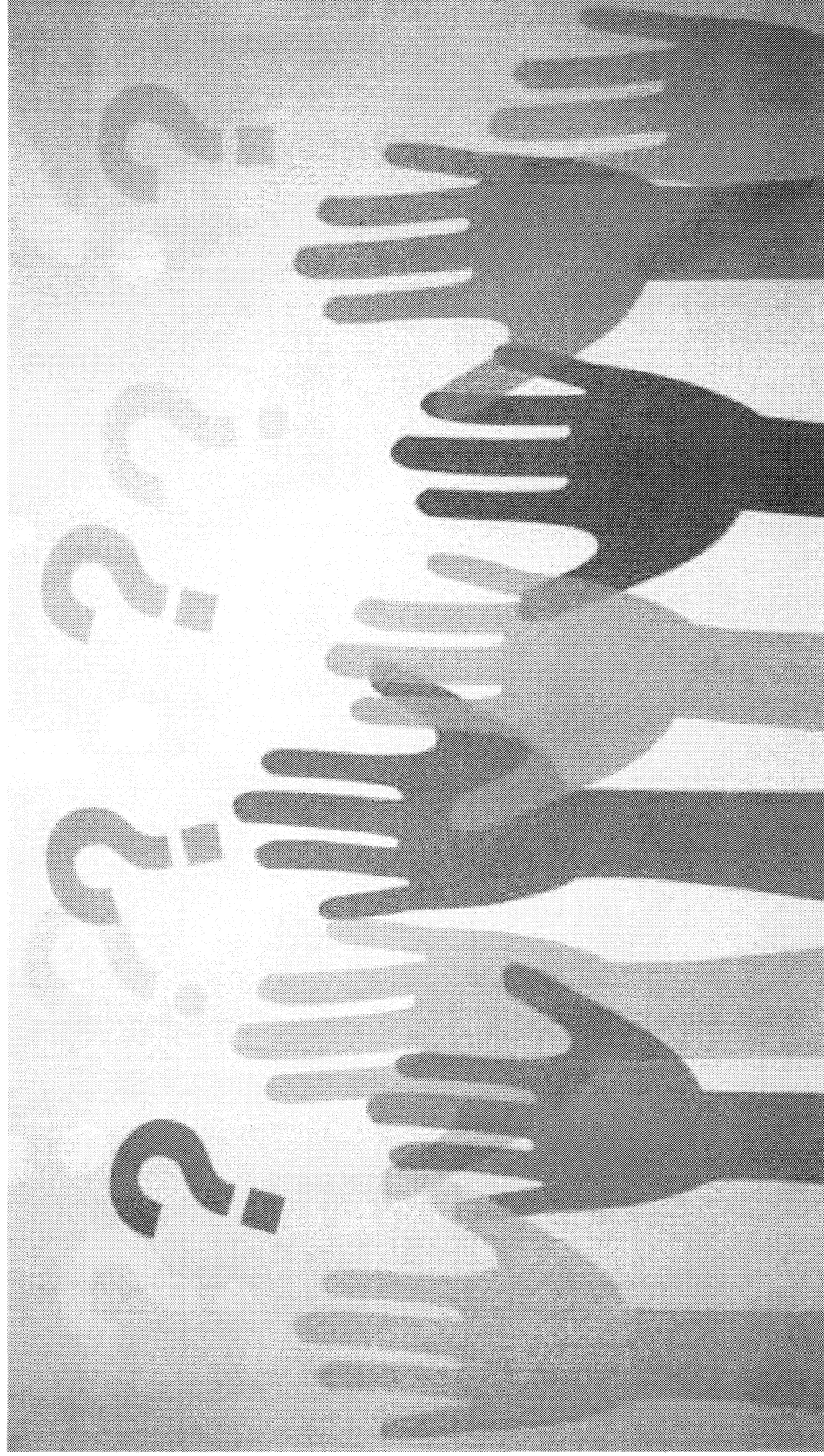
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THANK YOU FOR LISTENING





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JOURNAL DE BORD ÉLECTRONIQUE (JBE)

Présentation à l'industrie
2018 - 2019



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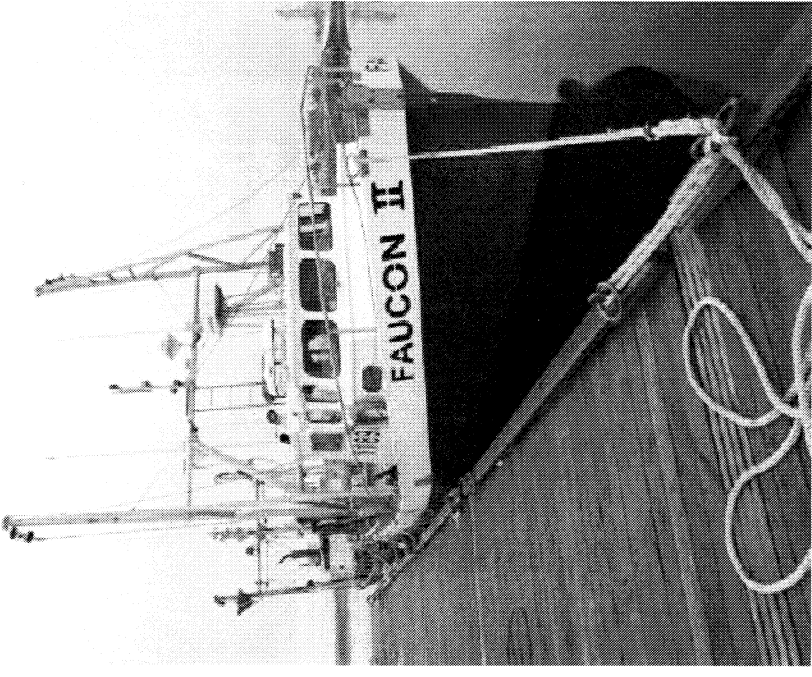
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Sommaire de la présentation

Contexte du projet

Objectifs et avantages

- Aspects techniques
 - Aperçu des phases de la mise en œuvre
- Stratégie de mise en œuvre
- Concrètement sur le terrain





Contexte du projet

- En accord avec les conditions de permis fixées par le MPO, la plupart des pêches exigent que les pêcheurs remplissent et soumettent au ministère des données sur les prises et efforts;
- Actuellement, une centaine de formulaires papier existent pour permettre la collecte de données;
- Les données colligées sur le formulaire papier sont saisies manuellement par les employés du MPO ou par des tiers.



Contexte du projet (suite)

- Le système de JBÉ permet la transmission de ces informations du pêcheur au MPO en utilisant des fichiers électroniques;
- Plusieurs flottes ont présentement des applications disponibles:
 - Québec: hareng, crabe des neiges et homard
 - Gulf: crabe des neiges
- Demande de l'industrie d'avoir accès au JBÉ;
- Priorité nationale.



Objectifs du projet national

- Modernisation des pêches – passer du papier à l'électronique;
- Améliorer la façon de rapporter les données;
- Le système national de JBÉ s'intégrera éventuellement au projet plus général de modernisation des systèmes de la gestion des écosystèmes et des pêches.



Avantages du JBE

- Des déclarations de données plus exactes et en temps opportun;
- Un échange de renseignements plus efficace – les données seront accessibles plus rapidement et plus facilement à ceux qui les utilisent;
- Contribue à la gestion durable des ressources;
- Meilleure capacité à recueillir des données de traçabilité et d'écocertification.



Phases de mise en œuvre par pêche

- Phase 1 – Mise en œuvre et années optionnelles
 - Première année qu'un application est disponible pour cette pêche ou flottille;
 - Journaux de bords papier encore disponibles;
 - Période d'apprentissage pour le MPO et les pêcheurs.
 - Années subséquentes où les JBÉ sont optionnel;
 - Participation augmente graduellement;
 - Suggestions et opportunités sont discutés;
 - Journaux de bords papier encore disponibles.



Phases ...suite

- **Phase 2 – Obligatoire**
 - Première année donc les JBÉ sont obligatoire;
 - Journaux de bords papier ne sont plus disponibles.
- **Phase 3 – Maintient et améliorations**
 - Années subséquentes où les JBÉ sont obligatoire;
 - Nouvelles versions de JBÉ pourraient être considérées afin de raffiner l'informations et le processus.



Flottes du Golfe en Phase 1

- **Crabe des neiges (casiers) :** Flotte traditionnelle, secteur semi-hauturier, zone 12
- **Crevette (chalut) :** Golfe du Saint-Laurent, groupe B, flotte traditionnelle, pêcheurs du Nouveau-Brunswick. Zones 10 (Sept-Îles), 9 (Anticosti) et 8 (Esquiman).
- **Homard :** Dès 2019...



Prochaines flottilles proposées pour le Golfe

Le travail continuera pour améliorer la participation dans les pêcheries:

- Crabe des neiges
- Crevette
- Homard

Les prochains JBE à être développés seront discuté au cours de la prochaine année.



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Le journal de bord électronique

Concrètement sur le terrain



Logiciels-clients

- La liste des logiciels approuvés sera disponible sur le site du MPO;
- Produits en fonction de la flottille;
- Le pêcheur doit s'assurer d'utiliser un logiciel approuvé par le MPO.
- Les logiciels sont développés par le secteur privé conformément aux normes établies par le ministère.



Obtention d'une clé JBÉ

- La clé JBÉ est requise pour permettre la transmission des données;
- Générée à partir du site internet du MPO;
- Opération unique lors de l'installation du logiciel client.





Utilisation

- Téléphone intelligent, tablette ou ordinateur;
- La saisie des données ne requiert pas de connexion internet;
- Fermeture des groupes de données;
- Transmission sécurisée des données vers le MPO;
- Correction des données (via le MPO);
- Archivage (minimum trois ans).



Un numéro unique JBE par voyage

- L'application génère un numéro unique pour chaque voyage de pêche;
- Le pêcheur doit transmettre ce numéro à tous les utilisateurs (PVQ, observateurs, acheteurs, etc.);

AVZQRS

- Le numéro unique du JBE permettra au MPO de faire le lien entre les différentes sources de données pour un même voyage de pêche.



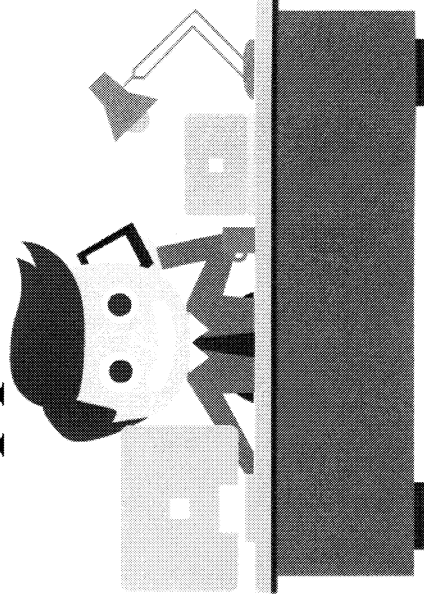
Support technique

MPO

- Clé JBÉ;
- Demande de modification aux données transmises;
- Questions sur les champs de données.

Fournisseur de service de l'application cliente

- Support lié au logiciel.

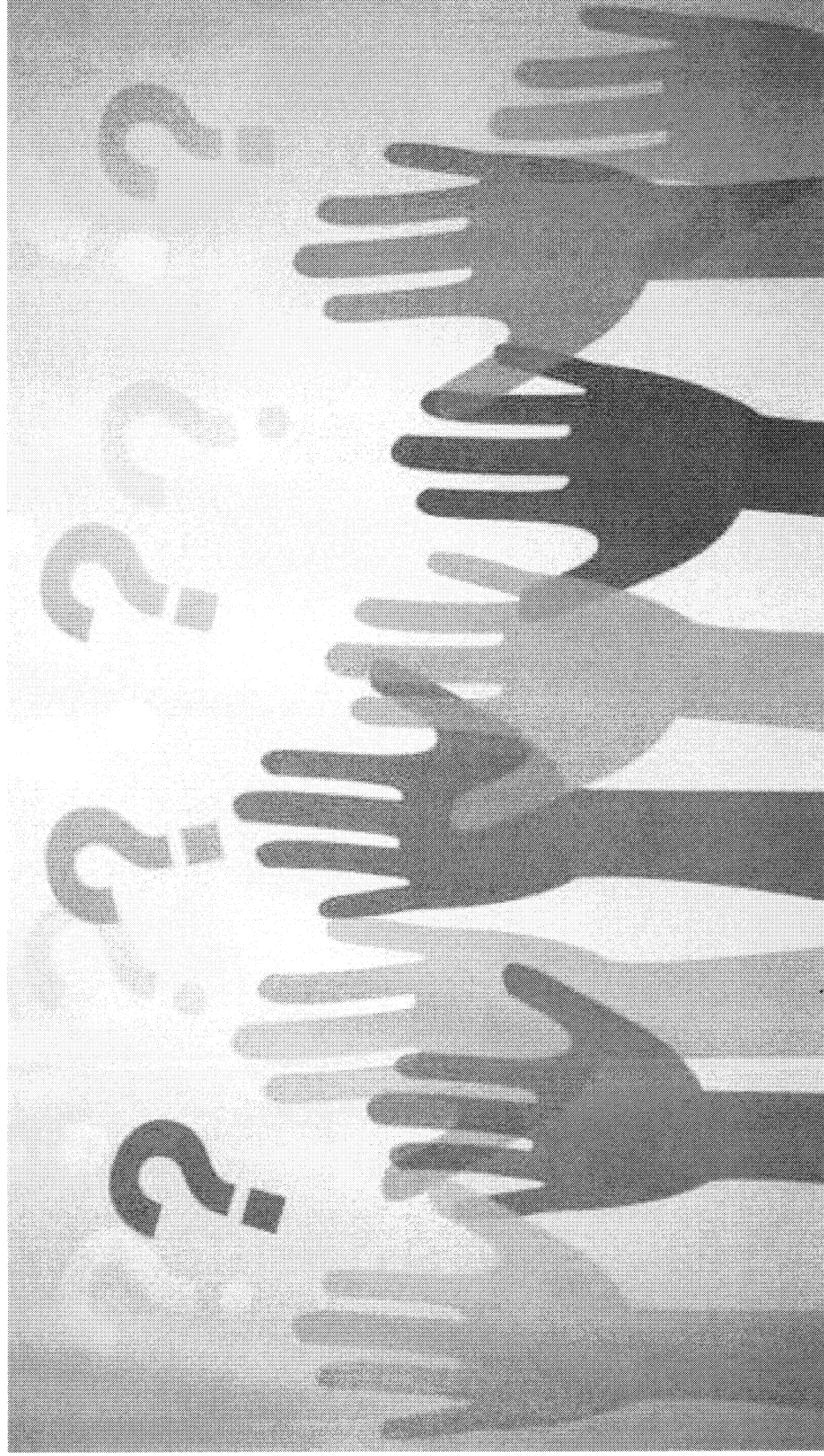




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MERCI POUR VOTRE ÉCOUTE!



Canada

001097

Leger, Liette

From: Massiera, Josiane
Sent: Friday, February 15, 2019 3:35 PM
To: Robichaud-Hache, Melanie
Cc: Comeau, Sandra J
Subject: FW: Lobster Dockside Monitoring Update

Ok parfait merci.
Josiane

From: Robichaud-Hache, Melanie
Sent: February-15-19 2:24 PM
To: Massiera, Josiane
Cc: Lemay, Gaëlle
Subject: RE: Lobster Dockside Monitoring Update

Allo Josiane

J'ai vérifié et le débarquement Bransfield, c'était une erreur de ports devrait être New Mills, alors oui tu peux l'enlever de la liste.

Pour les débarquements avec port nommé Big Cove, j'ai remarqué que c'est tous le même acheteur et que lui il n'avait pas identifié le nom du port et comme Sandra a écrit on a utilisé Big Cove car c'est ce qu'Elsipogtog utilise comme Homeport pour ces licences.

J'ai vu dans les filières de ces bateaux que leur crabe commun est débarqué à Richibuctou, alors je serais tenté d'utiliser ce même port pour leur débarquement d'homard.

Pour Bouctouche FN même chose le même acheteur que Big Cove n'indique pas le port alors nous avons pour ce bateau placer débarquement aurait eu lieu au port de Bouctouche mais avec tes courriels je peux voir que ce port n'existe pas.

Il faudrait donc vérifier ce qu'on devrait placé dans ce cas-là.

Melanie

Mélanie Robichaud-Haché, MSc

Statistical Research Coordinator / Coordonnatrice de la recherche Statistiques
Strategic Services Branch, Gulf Region | Direction des Services Stratégiques, Région du golfe
Fisheries and Oceans Canada | Pêches et Océans Canada
343 Université, Moncton NB E1C 9B6
Tel: (506) 851-2371
Fax: (506) 851-7732
Room 662

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: Friday, February 15, 2019 1:48 PM
To: Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>

Cc: Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>

Subject: FW: Lobster Dockside Monitoring Update

Bonjour Mélanie,

Je sais que vos données 2017 sont préliminaire, donc voici des commentaires du bureau de secteur par rapport à la liste des acheteurs de homard que vous nous avez fournis (on tente de voir quel compagnie de DMC va couvrir quel port) si ça peut vous aider.

Aussi Port Petits Bateaux a fait un exercice de vérification des ports selon notre liste dans GFIS. J'ai joint le document.

- I noticed Big Cove and Bouctouche are listed in the table you provided but there is no port in Big Cove (even though Elsipogtog's licences list Big Cove as their homeport) and the same for Bouctouche FN.
- You can remove Baie Ste. Anne from the list. The few fishers with that homeport sell and dock at Escuminac.
- I checked with Jacques Haché (used to collect sales slips from buyers) and SCH and Google and Bransfield does not exist as a port. I would not add to the list. Not sure why it's on the list especially for that buyer as that company is from Val-Comeau area (maybe they wanted to say Brantville??)

Josiane

From: Comeau, Sandra J

Sent: February-15-19 12:32 PM

To: Massiera, Josiane

Subject: RE: Lobster Dockside Monitoring Update

Hi Josiane,

Thanks for sharing the list with the buyers. I find that information very interesting since we don't have that contact.

- You can remove Baie Ste. Anne from the list. The few fishers with that homeport sell and dock at Escuminac.
- McEachern and Tabusintac are the same port but are listed as two different homeports (with two different codes). We can use McEachern instead of Tabusintac.
- I checked with Jacques Haché (used to collect sales slips from buyers) and SCH and Google and Bransfield does not exist as a port. I would not add to the list. Not sure why it's on the list especially for that buyer as that company is from Val-Comeau area (maybe they wanted to say Brantville??)

As for LFA 25, here are the ports that should be covered (that are listed in the conditions of licence):

Escuminac (for corridor users)

Pointe Sapin

Loggiecroft

Cap. St-Louis

Richibucto

Cap St-Lumière

Côte Ste. Anne/Chockpish

St. Eduouard

St. Thomas

Cocagne Bar/Cormierville

Caissie's Cape

Pointe du Chêne

Robichaud

Aboiteau

Cap Pelé

Petit Cap

Botsford/Murray Corner

Cape Tormentine

I noticed Big Cove and Bouctouche are listed in the table you provided but there is no port in Big Cove (even though Elsipogtog's licences list Big Cove as their homeport) and the same for Bouctouche FN.

Sandra Comeau

Resource Management / Gestion de la ressource

Telephone / Téléphone 506-395-7765

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>

Sent: February-14-19 5:15 PM

To: Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>

Subject: RE: Lobster Dockside Monitoring Update

Baie Ste-Anne ne sont pas listés dans le document que Gaëlle m'a fourni (ci-joints). Elle utilise Mceachern Point pour Tabusintac.

Aussi Gaëlle a Bransfield???

J'ai ajouté les DMC dans la colonne « G », pour chacun des DMC (2 documents ci-joints).

Peux-tu aussi checker la liste pour LFA 25...il y a beaucoup de ports!!!

Josiane

From: Comeau, Sandra J

Sent: February-14-19 2:26 PM

To: Massiera, Josiane

Subject: RE: Lobster Dockside Monitoring Update

For LFA 23 based on rock crab and halibut landings, I listed the following ports with lobster landings based on territory.

Seefish covers:

Dalhousie
New Mills
Pointe Verte
Petit Rocher
Tracadie
Val-Comeau
Tabusintac
Neguac
Burnt Church
Baie Ste. Anne
Escuminac
Pointe Sapin

Pèse Pêche covers :

Millerbrook
Stonehaven
Grande-Anse
Anse-Bleue
Caraquet
Bas-Caraquet
Lamèque

Miscou
Petit-Shippagan
Pigeon Hill
Sainte-Marie-Saint-Raphaël
Savoy Landing
Shippagan
Le Goulet
Inkerman

Sandra Comeau

Resource Management / Gestion de la ressource

Telephone / Téléphone 506-395-7765

From: Comeau, Sandra J
Sent: February-14-19 1:48 PM
To: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Subject: RE: Lobster Dockside Monitoring Update

Looks good to me. I added a few comments. We will need to translate for Pèse Pêche.

Sandra Comeau

Resource Management / Gestion de la ressource

Telephone / Téléphone 506-395-7765

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: February-14-19 1:30 PM
To: Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>
Subject: RE: Lobster Dockside Monitoring Update

Pour ton input avant que je l'envoie à Monique...Je dois faire l'analyse des ports aussi avant de l'envoyer.

Proposed message to DMC:

Hello,

Thank you for participating to the discussion on the potential project for Dockside Monitoring in the Gulf Region Lobster Fisheries. As discussed, we would like for you to provide a quote on providing the following service to DFO. The tasks would include:

- Provide a Dockside Observer daily at some of the ports listed in the attached document to monitor lobster landings. You will be responsible to develop the schedule and share it by email to DFO for possible C&P support. The dispatching of the observer(s) will need to be done randomly within the listed ports (there will be no hail-in).
- An average (I thought it was a minimum of 10) of 10 trips per day 6 out of 7 days of week (in LFA 23) or 5 out of 6 days of week (in the rest of LFAs). (I would remove this. If they are unable to reach 10 trips per day they can explain why).
- The dockside Observer will need to ask the fish harvesters for a copy of the logbook/Elog to write down and fill out the following information on the existing Weigh out form (in the Comment section):
 - Company, date, port landed, monitor's name and ID.
 - Licence number, VRN, vessel name and captain
 - Buyer
 - 1) The logbook/ELog Unique ID#
 - 2) Catch estimate recorded by the fish harvesters in their log; (in the comment section)
 - 3) Record of all lobster landed (sales and personal use) at the buyer's station;
 - 4) Write the buyer's slip #. (in the comment section)

- DMC's office will scan the Weigh out forms and send it to DFO twice a week (or weekly – will we have someone in place from the beginning of the season to enter this information?).
- DMC's office will send the original forms to DFO at the end of the season. **NO** data entry will be required by the DMC for 2019.
- fill out incident report for non-compliance of fish harvesters for those that do not provide their logbook/Elog

Also attached for your information are the number of licences per homeport. Note however that fishers might not always land at their homeport (they are supposed to in LFA 23 ☺).

Josiane

From: Dupuis, Monique
Sent: February-14-19 9:12 AM
To: Massiera, Josiane
Subject: RE: Lobster Dockside Monitoring Update

Looks good to me.

Tu m'avises lorsque tu veux que je contacte les compagnies pour leurs demander de nous envoyer les tarifs ?

Monique

Monique Dupuis
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
Monique.Dupuis@dfo-mpo.gc.ca / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

From: Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>
Sent: February 13, 2019 2:44 PM
To: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>; Dwyer, Alan <Alan.Dwyer@dfo-mpo.gc.ca>; LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>
Cc: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>; Moore, Benjamin <Benjamin.Moore@dfo-mpo.gc.ca>; Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>
Subject: Re: Lobster Dockside Monitoring Update

Looks good to me. Maybe to add a bit to Alan's point that it would be good to have a coordinated or collaborative approach between monitors and C&P officers to facilitate the transaction with fish harvesters at the wharves at least for the first weeks.

Thanks Josiane.

Sandra

Get [Outlook for iOS](#)

On Wed, Feb 13, 2019 at 2:25 PM -0400, "Massiera, Josiane" <Josiane.Massiera@dfo-mpo.gc.ca> wrote:

Good point added below. Thanks

From: Dwyer, Alan
Sent: February-13-19 2:04 PM
To: Massiera, Josiane; LeBlanc, Carole L
Cc: Dupuis, Monique; Comeau, Sandra J; Moore, Benjamin; Lemay, Gaëlle
Subject: RE: Lobster Dockside Monitoring Update

Hi Josiane,

Not sure if you wanted it mentioned in the summary of not, but an important point will be that the COL will have to be amended to require fishers to provide logs and allow catches weighed when approached by DMP. Based on comments I have heard from industry about the possibility of DMP in my area, there will be strong opposition from industry and they will not want to cooperate. This will likely increase workload for C&P.

Alan

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: Wednesday, February 13, 2019 1:09 PM
To: LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>
Cc: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Dwyer, Alan <Alan.Dwyer@dfo-mpo.gc.ca>; Moore, Benjamin <Benjamin.Moore@dfo-mpo.gc.ca>; Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>
Subject: Lobster Dockside Monitoring Update

Summary requested by Marc to discuss with Frank and RDG...If any of you wants to add something, please feel free.

Carole, feel free to remove some parts if it's too much details...

- A 2016 Report of the Commissioner of the Environment and Sustainable Development found that DFO was missing key information needed to manage Canada's public resources sustainably, including gaps in catch data and catch monitoring. Fishery monitoring and catch reporting is also consistent with general Marine Stewardship Council's (MSC) requirements (Lobster fisheries in the Gulf Region received the MSC certification).
- A feasibility study to develop an implementation plan for reliable, timely and accessible lobster catch information in the Gulf Region was conducted by a Consultant company (Lansdowne Technologies Inc.) from February to May 31, 2018. The fish harvesters' associations received notice of the study in February and teleconference and/or meetings took place with GNS fisheries representatives, PEIFA and the MFU for initial discussion (none with the processors).
- The study findings was presented by the consultant at the sGSL Lobster Advisory Committee held on December 4-5, 2018. Six options were presented: 1. Use of ELOG with Random Checks by Compliance Officers; 2. Data Entry Only; 3. Pilot Project in one LFA or Sub-Area; 4. Partial Monitoring (Commencing at 10%); 5. Full 100% Monitoring 6. Delay Monitoring Until 2020
- The majority of Fish harvesters' representatives were not in favor of implementing Dockside Monitoring for lobster, did not favor any options and several mentioned that if a Dockside Monitoring Program (DMP) is implemented in Lobster it should be done across the Regions, especially in Maritimes Region. Several also favored to start with e-Logs, which will be implemented in 2019 on a voluntary basis. Processors are supportive of implementing Dockside Monitoring for lobster.

- The current DMP cannot sustain a full 100% DMP in Lobster at this time with the current Dockside Monitoring Companies operations because of the size of the fishery; a phase-in approach is the only feasible option.
- We are exploring the option of implementing a Lobster Dockside Monitoring Audits/Spot Checks. In coordination with the C&P DMP coordinator and the area offices, we talked to each of the 6 DMCs (separately) to ask about the possibility for such a project in 2019. To date, all 6 companies think it is feasible. The DMCs are aware that this project is contingent of funding and approval.
- For 2019, the project is proposing to have random spot verification/audit of catch (around 10 trips per DMC per day) with no hail-in. The dockside observer will show up at a port randomly. We will provide the list of ports that each DMC needs to cover. Note that further analysis is needed for PEI, as both companies are covering around 60% of the same ports.
- DFO will have a contract with each DMC and pay for the DMC service that will include travel for the DMC observer (bulk of the cost) and specific tasks. The estimated costs requested to NHQ for this project is \$250,000. We are currently in the process of receiving quotes from the DMCs on the specific costs.
- The tasks will include: Dockside observer travel to one or two ports per day (random), asking the fish harvesters for a copy of the logbook/Elog to write down on the existing Weigh out form the logbook/Elog # and catch estimate recorded by the fish harvesters and then record the actual catch (sales and personal use) at the buyer's station (as well to write the buyer's slip #). The only administrative part requested by DMCs' offices will be to scan the Weigh out forms and send it to DFO (the original will also be sent to DFO at the end of the season). No data entry will be required by the DMC for 2019.
- DFO will need to hire someone to enter the information either in an Excel sheet or directly in GFIS/DMP reports and flag any big discrepancy between the estimates and actuals. Note that if we want to eventually replace the buyers slips data currently entered by Stats in GFIS by the actual landings recorded by the dockside observer, it will require some additional work from Stats staff for 2019.
- DFO will also need to amend the COL to require fishers to provide logs and allow catches weighed when approached by a Dockside Monitor. Considering the opposition from industry for Dockside monitoring, This will likely increase workload for C&P; especially at the beginning of the season.
- Area of concerns will dictate where additional efforts should be placed in the future.

Josiane

Leger, Liette

From: LeBlanc, Carole L
Sent: Monday, January 14, 2019 12:16 PM
To: Massiera, Josiane; Vienneau, Mathieu; Comeau, Sandra J; Mallet, Pierre; Belliveau, Ron
Subject: FW: RE: Call for proposals for Catch Monitoring Projects 2019-20 / Appel à propositions pour des projets de surveillance 2019-20
Attachments: YR 3 - Catch Monitoring Project Criteria Scoring (002).docx; MASTER List of Key Fisheries for Catch Monitoring.ppt; Gulf CR funding proposal 2019-2020-FINAL.xlsx
Importance: High

Bonjour,
Pour les propositions de projets de surveillance des débarquements que vous avez soumis, vous devez aussi remplir le formulaire ci-joint. (YR 3 – Catch Monitoring Project Criteria Scoring). SVP, me les fournir aussitôt que possible.
Veuillez noter que les fonds terminent en 2020-2021. Mathieu, la durée de ton projet devra être modifiée à deux ans au lieu de trois.
Merci

Carole

From: Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>
Sent: Friday, January 11, 2019 4:54 PM
To: LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>
Subject: Fw: Reminder Finals Due Today with doc RE: Call for proposals for Catch Monitoring Projects 2019-20 / Appel à propositions pour des projets de surveillance 2019-20

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Hemken, Susana <Susana.Hemken@dfo-mpo.gc.ca>
Sent: Friday, January 11, 2019 16:53
To: Mar, Amy; Kanno, Roger; Grandmaison, Vanessa; Boudreau, Suzie; Beaulieu, Jérôme; Goshulak, Larissa; MacDonald, Carl; Mallet, Pierre; Brine, Remi; Careen, Ellen; Christensen, Cameron; Buchanan, Heather; Kerwin, Jessica; Courchesne, Sandra; Cawthray, Jenness; Edgar, Leigh; LeBlanc, Carole L
Cc: Jivan, Tyler; Davis, Neil; Nener, Jennifer; Gros-Louis, Denis; Berthier, Jacinta; LeCouffe, Marc; Blanchard, Tony; Clemens, Marc; Napier, Brent; Lester, Brian; Norton, Brett; Schjott, Natalie
Subject: RE: Reminder Finals Due Today with doc RE: Call for proposals for Catch Monitoring Projects 2019-20 / Appel à propositions pour des projets de surveillance 2019-20

And with the attachment! ☺

Please find the priority scoring sheet to be submitted for each of the project proposals:

Note also, please find for your reference, the current updated Priority Fisheries for FM projects, (there were minor changes in PAC)

Thank you,

Susana Hemken

A/Fisheries Management Program Officer, Fisheries Resource Management
Fisheries and Oceans Canada / Government of Canada
Susana.Hemken@dfo-mpo.gc.ca / Tel: 613-402-8541

Agente de programme de gestion des pêches/PI, Gestion des ressources halieutiques
Pêches et Océans Canada / Gouvernement du Canada
Susana.Hemken@dfo-mpo.gc.ca / Tel: 613-402-8541

From: Hemken, Susana

Sent: January-11-19 3:19 PM

To: Mar, Amy <Amy.Mar@dfo-mpo.gc.ca>; Kanno, Roger <Roger.Kanno@dfo-mpo.gc.ca>; Grandmaison, Vanessa <Vanessa.Grandmaison@dfo-mpo.gc.ca>; Boudreau, Suzie <Suzie.Boudreau@dfo-mpo.gc.ca>; Beaulieu, Jérôme <Jerome.Beaulieu@dfo-mpo.gc.ca>; Goshulak, Larissa <Larissa.Goshulak@dfo-mpo.gc.ca>; MacDonald, Carl <Carl.MacDonald@dfo-mpo.gc.ca>; Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>; Brine, Remi <Remi.Brine@dfo-mpo.gc.ca>; Careen, Ellen <Ellen.Careen@dfo-mpo.gc.ca>; Christensen, Cameron <Cameron.Christensen@dfo-mpo.gc.ca>; Buchanan, Heather <Heather.Buchanan@dfo-mpo.gc.ca>; Kerwin, Jessica <Jessica.Kerwin@dfo-mpo.gc.ca>; Courchesne, Sandra <Sandra.Courchesne@dfo-mpo.gc.ca>; Cawthray, Jenness <Jenness.Cawthray@dfo-mpo.gc.ca>; Edgar, Leigh <Leigh.Edgar@dfo-mpo.gc.ca>; LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>
Cc: Jivan, Tyler <Tyler.Jivan@dfo-mpo.gc.ca>; Davis, Neil <Neil.Davis@dfo-mpo.gc.ca>; Nener, Jennifer <Jennifer.Nener@dfo-mpo.gc.ca>; Gros-Louis, Denis <Denis.Gros-Louis@dfo-mpo.gc.ca>; Berthier, Jacinta <Jacinta.Berthier@dfo-mpo.gc.ca>; LeCouffe, Marc <Marc.LeCouffe@dfo-mpo.gc.ca>; Blanchard, Tony <Tony.Blanchard@dfo-mpo.gc.ca>; Clemens, Marc <Marc.Clemens@dfo-mpo.gc.ca>; Napier, Brent <Brent.Napier@dfo-mpo.gc.ca>; Lester, Brian <Brian.Lester@dfo-mpo.gc.ca>; Norton, Brett <Brett.Norton@dfo-mpo.gc.ca>; Schjott, Natalie <Natalie.Schjott@dfo-mpo.gc.ca>

Subject: Reminder Finals Due Today RE: Call for proposals for Catch Monitoring Projects 2019-20 / Appel à propositions pour des projets de surveillance 2019-20

Hello/Bonjour

Friendly reminder that the finals of the proposals for Catch Monitoring Projects are due today.
Thank you to those who have already submitted.

Please also send the priority ranking sheets for each of the proposals submitted.

These were the factors taken in consideration in your completion of the section in the template entitled: How the Proposal Meets the Selection Criteria

Apologies that these were not initially asked for as part of the submission along with the proposals. It was included as a reference document.

These are very important in the assessment of both deliverables and funding for our consolidation of information for audits to substantiate what we are doing and why.

Thank you,

Susana Hemken

A/Fisheries Management Program Officer, Fisheries Resource Management
Fisheries and Oceans Canada / Government of Canada
Susana.Hemken@dfo-mpo.gc.ca / Tel: 613-402-8541

Agente de programme de gestion des pêches/PI, Gestion des ressources halieutiques

Pêches et Océans Canada / Gouvernement du Canada
Susana.Hemken@dfo-mpo.gc.ca / Tel: 613-402-8541

From: Schjott, Natalie <Natalie.Schjott@dfo-mpo.gc.ca>

Sent: November-26-18 2:57 PM

To: Mar, Amy <Amy.Mar@dfo-mpo.gc.ca>; Kanno, Roger <Roger.Kanno@dfo-mpo.gc.ca>; Grandmaison, Vanessa <Vanessa.Grandmaison@dfo-mpo.gc.ca>; Boudreau, Suzie <Suzie.Boudreau@dfo-mpo.gc.ca>; Beaulieu, Jérôme <Jerome.Beaulieu@dfo-mpo.gc.ca>; Goshulak, Larissa <Larissa.Goshulak@dfo-mpo.gc.ca>; MacDonald, Carl <Carl.MacDonald@dfo-mpo.gc.ca>; Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>; Brine, Remi <Remi.Brine@dfo-mpo.gc.ca>; Careen, Ellen <Ellen.Careen@dfo-mpo.gc.ca>; Christensen, Cameron <Cameron.Christensen@dfo-mpo.gc.ca>; Buchanan, Heather <Heather.Buchanan@dfo-mpo.gc.ca>; Kerwin, Jessica <Jessica.Kerwin@dfo-mpo.gc.ca>; Courchesne, Sandra <Sandra.Courchesne@dfo-mpo.gc.ca>; Cawthray, Jenness <Jenness.Cawthray@dfo-mpo.gc.ca>; Edgar, Leigh <Leigh.Edgar@dfo-mpo.gc.ca>

Cc: Jivan, Tyler <Tyler.Jivan@dfo-mpo.gc.ca>; Davis, Neil <Neil.Davis@dfo-mpo.gc.ca>; Nener, Jennifer <Jennifer.Nener@dfo-mpo.gc.ca>; Gros-Louis, Denis <Denis.Gros-Louis@dfo-mpo.gc.ca>; Berthier, Jacinta <Jacinta.Berthier@dfo-mpo.gc.ca>; LeCouffe, Marc <Marc.LeCouffe@dfo-mpo.gc.ca>; Blanchard, Tony <Tony.Blanchard@dfo-mpo.gc.ca>; Clemens, Marc <Marc.Clemens@dfo-mpo.gc.ca>; Napier, Brent <Brent.Napier@dfo-mpo.gc.ca>; Lester, Brian <Brian.Lester@dfo-mpo.gc.ca>; Norton, Brett <Brett.Norton@dfo-mpo.gc.ca>; Hemken, Susana <Susana.Hemken@dfo-mpo.gc.ca>

Subject: Call for proposals for Catch Monitoring Projects 2019-20 / Appel à propositions pour des projets de surveillance 2019-20

(Le français suit)

Hello,

This is the call for request for 2019-20 funding for catch and monitoring projects. The requirements for the proposals are described below.

Proposals for Fishery Monitoring Projects

- For 2019-20, \$1.93M is available for fishery monitoring projects (note that in 2020-21, the last year of funding, the amount drops to \$965K)
- Submit all requests for funds in the attached document. You must complete one form per proposal in tab titled **Proposals**. This is the same form used in the previous year's.
- Attached for reference are (1) the criteria for ranking the projects and (2) the list of priority fisheries identified for investments in fishery monitoring.
- Regions are to submit proposals in order of priority (e.g. Proposal 1 is your top priority project).
- Project proposals aimed at the priority fisheries and cross-cutting projects will be accepted.
- Reminder that we must report on progress to 'implement' fishery monitoring in the list of priority fisheries.

Proposals are to be sent to Natalie Schjott and Susana Hemken by December 14th COB. Should you have any questions, let us know.

Once we've had a chance to compile and review, we will provide an update to this group on next steps. Note that FMOC approval will be sought at the February meeting in Montreal (Feb 20-21).

Bonjour,

Ceci est l'appel à propositions pour les projets de capture et de surveillance 2019-2020. Les exigences pour les propositions sont décrites ci-dessous.

Propositions pour des projets de plans de rétablissement

- Pour 2019-2020, 1 930 000 \$ est disponibles pour les projets pour les projets de surveillance (notez qu'en 2020-2021, la dernière année de financement, le montant tombe à 965 000 \$)
- Soumettre toutes les demandes de fonds dans le document ci-joint. Remplissez un formulaire de proposition dans l'onglet intitulé **Propositions**. C'est le même formulaire utilisé pour les années précédente.
- Ci-joint pour votre référence : (1) Les critères de classement des projets et (2) la liste des pêches prioritaires identifiées pour les investissements dans la surveillance des pêches. Les deux documents sont disponible en anglais seulement.
- Les régions doivent soumettre leurs projets en ordre de priorité (par exemple, Proposition 1 représente votre projet le plus important).
- Les propositions de projets visant les pêches prioritaires et les projets transversaux seront acceptées.
- Rappel que nous devons rendre compte des progrès réalisés pour «mettre en œuvre» la surveillance de la pêche dans les pêches prioritaires.

Les propositions doivent être envoyées à Natalie Schjott et Susana Hemken d'ici la fermeture des bureaux le 14 décembre. N'hésitez pas si vous avez des questions.

Une fois que nous aurons eu la chance de compiler et d'examiner, nous fournirons une mise à jour à ce groupe sur les prochaines étapes. Veuillez noter que l'approbation de FMOC sera demandée lors de la réunion de février à Montréal (20-21 février).

Au plaisir

<< File: Priority Fisheries for FM Projects.docx >>

Reference / référence

<< File: YR 3 - Catch Monitoring Project Criteria Scoring.docx >>

<< File: 2019-20 Template CM Project Funding Proposals.xlsx >>

Natalie Schjott
Manager, Fisheries Integration Group
Resource Management, Fisheries and Harbour Management
613-990-9185

Gestionnaire, Groupe d'intégration des pêcheries
Gestion des ressources, Gestion des pêches et des ports
613-990-9185

Project Criteria & Scoring

- The project criteria and scoring table below is for use by Regions and NHQ to rank their projects. All 9 criteria begin with a weighting of one, and even after the weighting for a criterion is altered, the weighting for the 9 criteria should add up to 9. The weighting a particular catch monitoring project receives will determine its rank. Projects that are identified as national and/or regional priorities will be ranked as the top priority project proposals for the year as long as the projects are consistent with the criteria above. We may need to limit the number of projects from each Region and NHQ considered national and/or regional priorities.
- Regions and NHQ are asked to rank their projects and identify their top 6 projects, as a start.
- We will seek (1) a fair distribution of funds across regions and NHQ, keeping in mind that agreeing to fund a priority project may result in one Region (including NHQ) being allocated more funds and (2) seek to fund a mix of investments in fishery/stock-specific projects and cross-cutting projects with the aim to support the implementation of the fishery monitoring policy in the priority fisheries.

#	Criteria for Ranking Fishery Monitoring Project Proposals	Weighting	Applicable?
1	Project is aimed at one or more of the key fisheries (see list) and project falls under one of the project categories.	1	<input checked="" type="checkbox"/>
2	If cross-cutting investment: projects falls under one of the projects categories (see list) and will help implement the policy in a number of fisheries. If possible specify these fisheries.	1	<input type="checkbox"/>
3	Low risk that funds will not be spent in year allocated on the specified task/item (feasibility).	1	<input type="checkbox"/>
4	Project will deliver on objectives of the draft policy and contribute to its implementation (e.g. as measured by the four milestones: evaluation of the current monitoring program and risks; development of monitoring objectives; identify monitoring requirements; operationalize program	1	<input type="checkbox"/>
5	Project is innovative and will help improve fishery monitoring in new ways, separate from the adoption of new technologies (Criteria #6).	1	<input type="checkbox"/>
6	Project will encourage adoption of new technologies for catch reporting and fishery monitoring.	1	<input type="checkbox"/>
7	Project will create cost efficiencies, ie, deliver similar or better outcomes at a lower cost.	1	<input type="checkbox"/>
8	Project supports relationship building and Reconciliation agenda with Indigenous groups.	1	<input type="checkbox"/>
9	Project will encourage harvester participation and buy-in to improve catch reporting and monitoring.	1	<input type="checkbox"/>
		SUM	? / 9
10*	The project is a national priority and/or regional priority due to the following factors: profile of the fishery, conservation risks, gap in catch reporting/fishery monitoring or other.	10	<input type="checkbox"/> *

List of Key Fisheries for Catch Monitoring

Region	Stocks
Central and Arctic	Greenland halibut – NAFO 0A/0B
	Atlantic Walrus- Foxe Basin stock
	Great Slave Lake (whitefish and lake trout)
Gulf	Lobster Southern Gulf - LFA 23,24,25,26A,26B
	Scallop - Southern Gulf of St. Lawrence (SFA 21a, b, c, 22, 23, 24)
	Bluefin tuna – Commercial hook and line
	Bluefin Tuna – Charter Fishery
Maritimes	Lobster - Inshore LFAs
	Lobster - Offshore LFAs
	Swordfish (Atlantic longline)
	Atlantic Bluefin tuna
	Haddock 5Zim (Groundfish George's Bank)
	Atlantic Mackerel
National Capital Region	Northern Cod
Newfoundland and Labrador	Turbot
	Cod 3Ps
	Crab
	Salmon -commercial
Pacific	Herring - commercial
	Shellfish - commercial
	Rec and FSC fisheries for all species
	Redfish Unit 1
Quebec	Northern Gulf Cod - 3Pn, 4RS
	Atlantic Halibut 4RST
	Iceland Scallop - SFA 16ef, 18a
	Estuary and Gulf shrimp (SFA 8,9,10 and 12)
	Coastal Snow crab fisheries (12A, 12B, 12C, 13, 14, 15 16, 16A and 17)

Instructions for Filling in the Costing Template

Only the *Proposals* tab should be completed.

- Please include the contact for the proposed project(s). In the template for each project, fill in all the information requested
- When completing the "*How the Proposal Meets the Selection Criteria*" portion of the form, please refer to the project criteria
- A list of project themes can be found on the "Themes" tab with examples of projects for each theme.

Instructions pour remplir le modèle d'établissement des coûts

Seul l'onglet Propositions devrait être complété.

- Veuillez inclure le contact pour le (s) projet (s) proposé (s)
- Lorsque vous remplissez la section «Comment la proposition répond aux critères de sélection» du formulaire, veuillez vous reporter aux critères du projet
- Dans le modèle pour chaque projet, remplissez toutes les informations demandées
- Une liste de thèmes de projets peut être lue sur l'onglet "Thèmes" avec des exemples de projets pour chaque thème

Pages 1113 to / à 1115
are not relevant
sont non pertinentes

Proposal 4	
Project Name:	Catch monitoring-Southern Gulf Lobster (LFA 23, 24, 25, 26A and 26B)
Project Theme:	Dockside Monitoring Program Projects (not covered under Electronic Monitoring section)
Project Category:	Commercial fisheries
Project Type:	Fishery Specific (Vertical)
Program Contact:	Carole Leblanc
Proposal Form	
Project Description (Brief):	The Lobster fishery is one of the most important commercial fisheries in the Gulf Region. Currently, landing data is collected through purchase slips and logbook data which is a lengthy process and in some cases incomplete. To improve the quality and reliability of landing data which will enhance the lobster stock science assessment and DFO's ability to make informed fisheries management decisions, this four year project will focus on implementing catch monitoring in the lobster fishery in a phased-in approach. Landing data will be more timely, accessible and accurate which will enable decision-making with complete and up to date information to help ensure the management of a sustainable fishery. Some of the key challenges of this project are the number of ports (≈140) and fish harvesters (≈2,900) that land lobster in the Gulf Region across numerous coastal communities as well as support from industry. Year 1 focused on a feasibility study to determine the cost and develop a workplan for the following years. Funds received in year one was \$75,000. Notional amounts that will be requested prior to YR 2 and YR 3 are noted below.
How the Proposal Meets the Selection Criteria:	1) The project is identified in the priority list of key fisheries. 2) Consistent with the policy objectives to obtain reliable and timely data from the fishery. 3) Guarantee that proposed YR 1 funds will be spent considering the feasibility study and development of a workplan. 4) Implementing DMP in the lobster fishery is a long-standing priority but by-in by industry was not there in the past and it still not fully supported by industry. 5) Consistent with the increase requirements for monitoring catches with Marine Stewardship Council and Precautionary Approach. The project is also in line with the Gulf Region's vision for the lobster fishery.
Key Fishery/Fisheries:	Gulf Region Lobster Fishery in LFA 23, 24, 25, 26
Year 2 - Deliverable 1	The deliverables will depend on the results of the feasibility study of year 1, but it is expected that it would include the implementation of the workplan identified in Year 1 and the communication strategy to engage industry and DMP companies.
Budget:	
Year 2 - Deliverable 2	Engage industry
Budget:	\$75,000.00
Year 2 - Deliverable 3	
Budget:	
Total Year 2 Amount Requested	
Year 3 Deliverables	Implement phased-in approach as identified in feasibility study and results of engagement sessions with industry/DMP. One option identified was a 10% phase-in approach, however with elogs starting in 2019 and DMC capacities, implementation of a 1% random third party verification is recommended funded by DFO.
Total Year 3 Amount Requested	\$250,000.00
Proposed Budget:	
Year 4 Deliverables	
Proposed Budget:	
Total Proposed Funds	\$250,000.00

Proposal 5	
Project Name:	E-DMP
Project Theme:	Dockside Monitoring Program Projects (not covered under Electronic Monitoring section)
Project Category:	Commercial Fisheries and First Nation Sales Fisheries
Project Type:	Cross-Cutting (Horizontal)
Program Contact:	Carole Leblanc
Proposal Form	
Project Description (Brief):	<p>Many fisheries are managed under quota regimes which are established following a rigorous science process. In order to avoid quota overruns and overfishing of a specific stock, fishers are required, under their condition of licence, to land their catch at a designated wharf using dockside monitoring services to record landing data (either 100% DMP or hail catch estimate). Currently, these companies are required to weigh the catch or to record a catch estimate from a fisher and in some cases take samples to determine the catch composition. The data collected is entered manually on a catch document and is sent to the parent DMP Company to be entered in the DFO data base which will be used to monitor a given fishery. This process can take a few days and could lead to mistakes in data entries and to quota overruns. In order to avoid these situations, the proposed four year project will allow DMP employees to enter the landing information directly in the DFO data base to obtain timely and accessible information on a fishery to better manage fisheries. The data would then be verified with logbook information provided by fishers and by DMP Companies before being entered as final in the data base that will also be validated by DFO statistics. The first year of the project focused on a feasibility study to determine which fishery should be used to undertake a pilot project and to determine the cost associated with implementing this initiative. The project is proposed for up to 4 years. Proposed funds required for year 2 deliverables are listed below. Notional amounts that will be requested prior to YR 3 and YR 4 are noted below.</p>
How the Proposal Meets the Selection Criteria:	<p>The project is identified in the priority list of key fisheries. It is consistent with the policy objectives to obtain reliable and timely data from the fishery to make informed management decisions. The project should not incur additional costs to fishers. The proposed YR 1 funds were spent considering the feasibility study and development of a workplan. Improvements to DMP electronic data transfers in the some fisheries will avoid quota overruns. This is consistent with the increase requirements for better monitoring of catches in some fisheries.</p>
Key Fishery/Fisheries:	Mackerel, Atlantic Halibut, Scallop, groundfish species, snow crab, tuna, shrimp and herring
Year 3 - Deliverable 1	Analyse results and prepare final report to determine if the pilot project could be expanded to other fisheries
Budget:	
Year 3 - Deliverable 2	Develop a plan to implement the concept of electronic transfer of DMPR data in other fisheries
Budget:	
Total Year 2 Amount Requested	
Year 3 Deliverables Proposed Budget:	
Year 4 Deliverables Proposed Budget:	
Total Proposed Funds	

s.21(1)(a)

s.21(1)(b)

Pages 1118 to / à 1121
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Project Themes / thèmes du projet			Type of Project / catégorie de projet
3	Lead: Regions	<p>E-logs ELOGS is a national project currently preparing to implement phase 1. ELOGS client applications that meet DFO's national standard, will be used by fish harvesters to submit their data to a national database starting in 2018 in a small group of fisheries. (http://www.dfo-mpo.gc.ca/fm-gp/sdc-cps/nir-nei/logbooks-elec-journaux-eng.htm).</p> <p>Generally, over the next 4 years, as we prepare for the subsequent phases of implementation we could potentially use funds for consultants to help with:</p> <ul style="list-style-type: none"> - development of the national components of the project (IT components) - help regions prepare their regional requirements for the ELOG applications - help regions prepare for implementation (consultations with industry, modification of their business processes, etc.). - regional travel for ELOGS meetings <p>In particular, significant work will be required prepare for Pacific region fisheries which we hope will be part of the project starting in phase 2 (2019).</p> <p>Since only O&M, discuss more both with the national IM&TS team, and with regions (Resource management, statistics, IBM) to see to what extent consultants can actually help.</p> <p>Example:</p> <ul style="list-style-type: none"> - development of the national components of the project (IT components) - help regions prepare their regional requirements for the ELOG applications - help regions prepare for implementation (consultations with industry, modification of their business processes, etc.). - regional travel for ELOGS meetings 	Horizontal
4	Lead: Regions	<p>Dockside Monitoring Program Projects (not covered under Electronic Monitoring section)</p> <ul style="list-style-type: none"> -demonstrate proof of concept with willing fleets and service providers • costs could cover (1) equipment dockside monitoring and reporting ; and (2) costs of data systems needed by DFO to receive, handle and store electronic information (3) workshops on dockside monitoring practises. <p>Example:</p> <ol style="list-style-type: none"> 1) Feasibility study (consultant with service provider): \$15k on DM pilot in Lobster Fishery 2) Independent Monitoring/Verification: <ul style="list-style-type: none"> - Develop and pilot new technologies/methodologies for independent verification of landed catch, at-sea release, and effort (salmon fisheries) <p>Develop new methodologies for independent at sea monitoring/management (roe herring fisheries)</p>	Vertical

Project Themes / thèmes du projet			Type of Project / catégorie de projet
5	Lead: Regions	At Sea Observer Program Projects (not covered under Electronic Monitoring Section)	Horizontal / Vertical
6	Lead: Regions	Pilot Seabird Bycatch Monitoring Programs <u>Example:</u> 1) Implementation of a Pilot Seabird Bycatch "Bag and Tag" Program - Develop protocol for submitting "bagged and tagged" seabird bycatch to relevant fisheries (i.e. the commercial Tuna fleet) - Distribute "bag and tag" kits to commercial Tuna and Grounfish harvesters - Department to work with Environment and Climate Change Canada to	Horizontal / Vertical
7	Lead: Regions	VMS Projects Equipment purchase and data management regarding VMS technology. <u>Example:</u> 1) Feasibility study (consultant) 2) DFO video monitoring data storage and management 3) Online training (beginner to advanced)	Horizontal

Pages 1124 to / à 1131
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Page 1132
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Leger, Liette

From: Lonnie McNeill [REDACTED]
Sent: Wednesday, May 23, 2018 7:07 AM
To: Massiera, Josiane
Cc: LeBlanc, Carole L; Moore, Benjamin; Comeau, Sandra J; Dwyer, Alan; Peter Johnston
Subject: Meeting with PEIFA

Hi Josiane:

Ben and I met with PEIFA from approximately 1830-1910 last night. Overall, the tone and comments were similar to the teleconference with NS representatives last month. It was felt that this initiative should not be needed with the upcoming introduction of ELOG. There was discontent with the current paper log and it was expressed that greater effort should be expended on dealing with illegal fishing.

It was asked if a copy of the final report would be available to the fishers.

Ben did a good job of reminding the group that we were there to get recommendations. The view was that the focus should be on getting the ELOG up and running and not on dockside monitoring.

PEIFA had a secretary present and a more detailed summary of the discussion will be forwarded to Ben.

Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

Page 1134
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s.19(1)

Leger, Liette

From: Louis Ferguson [REDACTED]
Sent: Friday, May 18, 2018 1:57 PM
To: Comeau, Sandra J
Subject: Re: Feasibility Study - Catch Monitoring in the Gulf Region Lobster Fishery

Hey,

J'ai comme oublié de te demandé.

Est-ce que tu contacte Lonnie pour lui demander sa disponibilité mercredi en pm (13 a 14h30)?

Ou, est-ce que tu veux que je le contacte?

Merci,

Louis Ferguson
Coordonnateur/Coordinator
Aménagement et Évaluation de la Ressource/Resource Management and Evaluation
HOMARUS INC.
Union des pêcheurs des Maritime/Maritimes Fishermen's Union
422, rue Arseneau St.
PO BOX/CP 4084
Tracadie-Sheila, NB Canada, E1X 1G4
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www.ecocentrehomarus.org

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On May 16, 2018, at 15:20, Comeau, Sandra J <Sandra.Comeau@dfm-mpo.gc.ca> wrote:

Bonjour Louis et Emmanuel,

Voici le courriel du consultant embauché pour l'étude de faisabilité pour la surveillance des prises dans la pêche du homard qui a été envoyé à Martin. Est-ce possible de vérifier votre disponibilité pour une rencontre soit le mardi ou le jeudi de la semaine prochaine?

Merci à l'avance.

Sandra Comeau
Resource Management / Gestion de la ressource

Telephone / Téléphone 506-395-7765

From: Lonnie McNeill [mailto:[REDACTED]]
Sent: April-17-18 8:07 AM
To: martin@mfu-upm.com
Cc: Massiera, Josiane; Comeau, Sandra J; Peter Johnston
Subject: Feasibility Study - Catch Monitoring in the Gulf Region Lobster Fishery

Good Morning Mr. Mallet:

Lansdowne Technologies is conducting a feasibility study for DFO regarding catch monitoring for the lobster fishery and would appreciate the opportunity to speak with your organization to learn your perspective regarding this initiative. It is proposed that a discussion take place among Lansdowne, DFO, and a representative of the MFU/UPM. A telephone discussion can be arranged at your convenience this week or next week, subject to your availability. If it is preferred to meet in person, we will work to arrange that.

Thank you for your consideration.

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

Leger, Liette

From: Comeau, Sandra J
Sent: Thursday, January 10, 2019 4:57 PM
To: LeBlanc, Carole L; Moore, Benjamin; Dwyer, Alan; Gaudet, Mario; Mallet, Pierre; Massiera, Josiane; Leger, Sylvie; King, Coralli; Butruille, Frédéric; Belliveau, Ron
Subject: RE: Gulf CR funding proposal 2019-2020-2.xlsx
Attachments: Gulf CR funding proposal 2019-2020-with ENB smelt CR project.xlsx

Hello,

Sorry for the last minute entry, but I added a project for catch reporting in ENB smelt fishery through IVR ☺

Please see attached document.

Sandra Comeau

*Resource Management / Gestion de la ressource
Telephone / Téléphone 506-395-7765*

From: LeBlanc, Carole L
Sent: January-10-19 8:00 AM
To: Comeau, Sandra J; Moore, Benjamin; Dwyer, Alan; Gaudet, Mario; Mallet, Pierre; Massiera, Josiane; Leger, Sylvie; King, Coralli; Butruille, Frédéric; Belliveau, Ron
Subject: Fw: Gulf CR funding proposal 2019-2020-2.xlsx

Hello, please see attached the latest version for catch monitoring project. It needs to be approved by the RD tomorrow and submitted to NHQ. We have a meeting today on the lobster DMP which will help us determine the amount to request for next fiscal. Please provide any final comments.

Thanks

Carole

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>
Sent: Monday, January 7, 2019 9:46 AM
To: LeBlanc, Carole L
Subject: Gulf CR funding proposal 2019-2020-2.xlsx

Voici la liste des projets que j'ai reçu pour le CR funding, pour le projet homard DMP j'ai pas mis a jour la demande, puisque je sais pas les prochaines étapes.

Merci

Pages 1138 to / à 1142
are not relevant
sont non pertinentes

Proposal 4

Project Name:	Catch monitoring-Southern Gulf Lobster (LFA 23, 24, 25, 26A and 26B)
Project Theme:	Dockside Monitoring Program Projects (not covered under Electronic Monitoring section)
Project Category:	Commercial Fisheries and First Nation Sales Fisheries
Project Type:	Fishery Specific (Vertical)
Program Contact:	Carole Leblanc

Proposal Form

Project Description (Brief):	<p>The Lobster fishery is one of the most important commercial fisheries in the Gulf Region. Currently, landing data is collected through purchase slips and logbook data which is a lengthy process and in some cases incomplete. To improve the quality and reliability of landing data which will enhance the lobster stock science assessment and DFO's ability to make informed fisheries management decisions, this four year project will focus on implementing catch monitoring in the lobster fishery in a phased-in approach. Landing data will be more timely, accessible and accurate which will enable decision-making with complete and up to date information to help ensure the management of a sustainable fishery. Some of the key challenges of this project are the number of ports (≈140) and fish harvesters (≈2,900) that land lobster in the Gulf Region across numerous coastal communities as well as support from industry. Year 1 focused on a feasibility study to determine the cost and develop a workplan for the following years. Funds received in year one was \$75,000 Notional amounts that will be requested prior to YR 2 and YR 3 are noted below.</p>
How the Proposal Meets the Selection Criteria:	<p>1) The project is identified in the priority list of key fisheries. 2) Consistent with the policy objectives to obtain reliable and timely data from the fishery. 3) Guarantee that proposed YR 1 funds will be spent considering the feasibility study and development of a workplan. 4) Implementing DMP in the lobster fishery is a long-standing priority but by-in by industry was not there in the past and it still not fully supported by industry. 5) Consistent with the increase requirements for monitoring catches with Marine Stewardship Council and Precautionary Approach. The project is also in line with the Gulf Region's vision for the lobster fishery.</p>

Key Fishery/Fisheries	Gulf Region Lobster Fishery in LFA 23, 24, 25, 26
Year 2 - Deliverable	The deliverables will depend on the results of the feasibility study of year 1, but it expected that it would include the implementation of the workplan identified in Year 1 and the communication strategy to engage industry and DMP companies.
Budget:	
Year 2 - Deliverable	Identify a LFA where a pilot project could be undertaken in year 3
Budget:	
Year 2 - Deliverable 3	
Budget:	
Total Year 2 Amount Requested	\$75,000.00
Year 3 Deliverables	Implement year 3 of the workplan and conduct a pilot project as per the phased -in approach identified in feasibility study and results of engagement sessions with industry/DMP
Proposed Budget:	
Year 4 Deliverables	
Proposed Budget:	
Total Proposed Fund	\$75,000.00

Proposal 5

Project Name:	E-DMP
Project Theme:	Dockside Monitoring Program Projects (not covered under Electronic Monitoring section)
Project Category:	Commercial Fisheries and First Nation Sales Fisheries
Project Type:	Cross-Cutting (Horizontal)
Program Contact:	Carole Leblanc

Proposal Form

Project Description (Brief):

Many fisheries are managed under quota regimes which are established following a rigorous science process. In order to avoid quota overruns and overfishing of a specific stock, fishers are required, under their condition of licence, to land their catch at a designated wharf using dockside monitoring services to record landing data (either 100% DMP or hail catch estimate). Currently, these companies are required to weigh the catch or to record a catch estimate from a fisher and in some cases take samples to determine the catch composition. The data collected is entered manually on a catch document and is sent to the parent DMP Company to be entered in the DFO data base which will be used to monitor a given fishery. This process can take a few days and could lead to mistakes in data entries and to quota overruns. In order to avoid these situations, the proposed four year project will allow DMP employees to enter the landing information directly in the DFO data base to obtain timely and accessible information on a fishery to better manage fisheries. The data would then be verified with logbook information provided by fishers and by DMP Companies before being entered as final in the data base that will also be validated by DFO statistics. The first year of the project focused on a feasibility study to determine which fishery should be used to undertake a pilot project and to determine the cost associated with implementing this initiative. The project is proposed for up to 4 years. Proposed funds required for year 2 deliverables are listed below. Notional amounts that will be requested prior to YR 3 and YR 4 are noted below.

How the Proposal Meets the Selection Criteria:

The project is identified in the priority list of key fisheries. It is consistent with the policy objectives to obtain reliable and timely data from the fishery to make informed management decisions. The project should not incur additional costs to fishers. The proposed YR 1 funds were spent considering the feasibility study and development of a workplan. Improvements to DMP electronic data transfers in the some fisheries will avoid quota overruns. This is consistent with the increase requirements for better monitoring of catches in some fisheries.

s.21(1)(a)
s.21(1)(b)

Key Fishery/Fisheries	Mackerel, Atlantic Halibut, Scallop, groundfish species, snow crab, tuna, shrimp and herring
Year 3 - Deliverable	Analyse results and prepare final report to determine if the pilot project could be expanded to other fisheries
Budget:	
Year 3 - Deliverable	Develop a plan to implement the concept of electronic transfer of DMPR data in other fisheries
Budget:	
Total Year 2 Amount Requested	
Year 3 Deliverables Proposed Budget:	
Year 4 Deliverables Proposed Budget:	
Total Proposed Fund	

Pages 1147 to / à 1153
are not relevant
sont non pertinentes

Project Themes / thèmes du projet		Type of Project / catégorie de projet
4	<p>Lead: Regions</p> <p>Dockside Monitoring Program Projects (not covered under Electronic Monitoring section)</p> <p>-demonstrate proof of concept with willing fleets and service providers</p> <ul style="list-style-type: none"> costs could cover (1) equipment dockside monitoring and reporting ; and (2) costs of data systems needed by DFO to receive, handle and store electronic information (3) workshops on dockside monitoring practises. <p><u>Example:</u></p> <p>1) Feasibility study (consultant with service provider): \$15k on DM pilot in Lobster Fishery</p> <p>2) Independent Monitoring/Verification:</p> <ul style="list-style-type: none"> - Develop and pilot new technologies/methodologies for independent verification of landed catch, at-sea release, and effort (salmon fisheries) <p>Develop new methodologies for independent at sea monitoring/management (roe herring fisheries)</p>	Vertical
5	<p>Lead: Regions</p> <p>At Sea Observer Program Projects (not covered under Electronic Monitoring Section)</p>	Horizontal / Vertical
6	<p>Lead: Regions</p> <p>Pilot Seabird Bycatch Monitoring Programs</p> <p><u>Example:</u></p> <p>1) Implementation of a Pilot Seabird Bycatch "Bag and Tag" Program</p> <ul style="list-style-type: none"> - Develop protocol for submitting "bagged and tagged" seabird bycatch to relevant fisheries (i.e. the commercial Tuna fleet) - Distribute "bag and tag" kits to commercial Tuna and Groundfish harvesters - Department to work with Environment and Climate Change Canada to 	Horizontal / Vertical

Pages 1155 to / à 1163
are not relevant
sont non pertinentes

Leger, Liette

From: Moore, Benjamin
Sent: Thursday, February 14, 2019 9:58 AM
To: Comeau, Sandra J; Massiera, Josiane; Dwyer, Alan; LeBlanc, Carole L
Cc: Dupuis, Monique; Lemay, Gaëlle
Subject: RE: Lobster Dockside Monitoring Update

I agree with Alan and Sandra. C+P should be there the first couple of weeks in case any of the decide they do not want to cooperate with the monitors or COLs. DMC's should also be reminded that if fishers are not willing to cooperate an incident report should be submitted right away.

Thanks,
Ben

From: Comeau, Sandra J
Sent: February-13-19 2:44 PM
To: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>; Dwyer, Alan <Alan.Dwyer@dfo-mpo.gc.ca>; LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>
Cc: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>; Moore, Benjamin <Benjamin.Moore@dfo-mpo.gc.ca>; Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>
Subject: Re: Lobster Dockside Monitoring Update

Looks good to me. Maybe to add a bit to Alan's point that it would be good to have a coordinated or collaborative approach between monitors and C&P officers to facilitate the transaction with fish harvesters at the wharves at least for the first weeks.

Thanks Josiane.

Sandra

Get [Outlook for iOS](#)

On Wed, Feb 13, 2019 at 2:25 PM -0400, "Massiera, Josiane" <Josiane.Massiera@dfo-mpo.gc.ca> wrote:

Good point added below. Thanks

From: Dwyer, Alan
Sent: February-13-19 2:04 PM
To: Massiera, Josiane; LeBlanc, Carole L
Cc: Dupuis, Monique; Comeau, Sandra J; Moore, Benjamin; Lemay, Gaëlle
Subject: RE: Lobster Dockside Monitoring Update

Hi Josiane,

Not sure if you wanted it mentioned in the summary of not, but an important point will be that the COL will have to be amended to require fishers to provide logs and allow catches weighed when approached by DMP. Based on comments I have heard from industry about the possibility of DMP in my area, there will be strong opposition from industry and they will not want to cooperate. This will likely increase workload for C&P.

Alan

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>

Sent: Wednesday, February 13, 2019 1:09 PM

To: LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>

Cc: Dupuis, Monique <Monique.Dupuis@dfo-mpo.gc.ca>; Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>; Dwyer, Alan <Alan.Dwyer@dfo-mpo.gc.ca>; Moore, Benjamin <Benjamin.Moore@dfo-mpo.gc.ca>; Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>

Subject: Lobster Dockside Monitoring Update

Summary requested by Marc to discuss with Frank and RDG...If any of you wants to add something, please feel free.

Carole, feel free to remove some parts if it's too much details...

- A 2016 Report of the Commissioner of the Environment and Sustainable Development found that DFO was missing key information needed to manage Canada's public resources sustainably, including gaps in catch data and catch monitoring. Fishery monitoring and catch reporting is also consistent with general Marine Stewardship Council's (MSC) requirements (Lobster fisheries in the Gulf Region received the MSC certification).
- A feasibility study to develop an implementation plan for reliable, timely and accessible lobster catch information in the Gulf Region was conducted by a Consultant company (Lansdowne Technologies Inc.) from February to May 31, 2018. The fish harvesters' associations received notice of the study in February and teleconference and/or meetings took place with GNS fisheries representatives, PEIFA and the MFU for initial discussion (none with the processors).
- The study findings was presented by the consultant at the sGSL Lobster Advisory Committee held on December 4-5, 2018. Six options were presented: 1. Use of ELOG with Random Checks by Compliance Officers; 2. Data Entry Only; 3. Pilot Project in one LFA or Sub-Area; 4. Partial Monitoring (Commencing at 10%); 5. Full 100% Monitoring 6. Delay Monitoring Until 2020
- The majority of Fish harvesters' representatives were not in favor of implementing Dockside Monitoring for lobster, did not favor any options and several mentioned that if a Dockside Monitoring Program (DMP) is implemented in Lobster it should be done across the Regions, especially in Maritimes Region. Several also favored to start with e-Logs, which will be implemented in 2019 on a voluntary basis. Processors are supportive of implementing Dockside Monitoring for lobster.
- The current DMP cannot sustain a full 100% DMP in Lobster at this time with the current Dockside Monitoring Companies operations because of the size of the fishery; a phase-in approach is the only feasible option.
- We are exploring the option of implementing a Lobster Dockside Monitoring Audits/Spot Checks. In coordination with the C&P DMP coordinator and the area offices, we talked to each of the 6 DMCs (separately) to ask about the possibility for such a project in 2019. To date, all 6 companies thinks it is feasible. The DMCs are aware that this project is contingent of funding and approval.
- For 2019, the project is proposing to have random spot verification/audit of catch (around 10 trips per DMC per day) with no hail-in. The dockside observer will show up at a port randomly. We will provide the list of ports that each DMC needs to cover. Note that further analysis is needed for PEI, as both companies are covering around 60% of the same ports.
- DFO will have a contract with each DMC and pay for the DMC service that will include travel for the DMC observer (bulk of the cost) and specific tasks. The estimated costs requested to NHQ for this

project is \$250,000. We are currently in the process of receiving quotes from the DMCs on the specific costs.

- The tasks will include: Dockside observer travel to one or two ports per day (random), asking the fish harvesters for a copy of the logbook/Elog to write down on the existing Weigh out form the logbook/ELog # and catch estimate recorded by the fish harvesters and then record the actual catch (sales and personal use) at the buyer's station (as well to write the buyer's slip #). The only administrative part requested by DMCs' offices will be to scan the Weigh out forms and send it to DFO (the original will also be sent to DFO at the end of the season). No data entry will be required by the DMC for 2019.
- DFO will need to hire someone to enter the information either in an Excel sheet or directly in GFIS/DMP reports and flag any big discrepancy between the estimates and actuals. Note that if we want to eventually replace the buyers slips data currently entered by Stats in GFIS by the actual landings recorded by the dockside observer, it will require some additional work from Stats staff for 2019.
- DFO will also need to amend the COL to require fishers to provide logs and allow catches weighed when approached by a Dockside Monitor. Considering the opposition from industry for Dockside monitoring, This will likely increase workload for C&P; especially at the beginning of the season.
- Area of concerns will dictate where additional efforts should be placed in the future.

Josiane

Leger, Liette

From: Massiera, Josiane
Sent: Friday, May 18, 2018 1:07 PM
To: Comeau, Sandra J
Cc: Lonnie McNeill
Subject: RE: Meeting with MFU

I will not be attending in person since I have the MSC audit in the morning. I will confirm asap if I will participate on a call. We have NHQ visiting...

Josiane

From: Comeau, Sandra J
Sent: May-18-18 12:41 PM
To: Lonnie McNeill
Cc: Massiera, Josiane; Peter Johnston (p.johnston@lansdowne.com)
Subject: RE: Meeting with MFU

Ok, I will send a confirmation email to the group. Josiane, will you be attending? Just wondering if I need one or two conference rooms.

See you next week ☺

Sandra Comeau

*Resource Management / Gestion de la ressource
Telephone / Téléphone 506-395-7765*

From: Lonnie McNeill [mailto:]
Sent: May-18-18 12:36 PM
To: Comeau, Sandra J
Cc: Massiera, Josiane; Peter Johnston
Subject: Re: Meeting with MFU

That sounds good Sandra. See you then.

Thanks very much,
Lonnie

On Fri, May 18, 2018, 12:31 Comeau, Sandra J, <Sandra.Comeau@dfo-mpo.gc.ca> wrote:

Hi Lonnie,

MFU would be available to meet with you on Wednesday afternoon from 1 to 2:30 in Tracadie if you are available. If not, the next possible date would be in two weeks.

Let me know and I can book our conference room.

Sandra Comeau

Resource Management / Gestion de la ressource

Téléphone / Téléphone 506-395-7765

From: Comeau, Sandra J
Sent: May-18-18 9:17 AM
To: 'Lonnie McNeill'
Cc: Massiera, Josiane; Peter Johnston
Subject: RE: Meeting with MFU

Good morning Lonnie,

We have a meeting with MFU this morning, so will try to finalize a date then. I'll let you know.

Sandra Comeau

Resource Management / Gestion de la ressource

Téléphone / Téléphone 506-395-7765

From: Lonnie McNeill [mailto:]
Sent: May-18-18 9:15 AM
To: Comeau, Sandra J
Cc: Massiera, Josiane; Peter Johnston
Subject: Re: Meeting with MFU

Hello again Sandra - The meeting with PEIFA will now take place on Tuesday evening; not Wednesday as initially planned.

Thanks,

Lonnie

Lonnie McNeill

Associate

Lansdowne Technologies Inc.

[REDACTED] (Cell)

On Tue, May 15, 2018 at 7:52 PM, Lonnie McNeill <[REDACTED]> wrote:

Thanks very much Sandra. I also received an e-mail today indicating that PEIFA is looking to meet late on Wednesday 23 May, so perhaps Tuesday or Thursday might work for MFU.

As we are well into May, I trust you have finally put away the snow shovels and are using your lawn mower now.

Thanks again,

Lonnie

Lonnie McNeill

Associate

Lansdowne Technologies Inc.

[REDACTED] (Cell)

On Tue, May 15, 2018 at 11:11 AM, Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca> wrote:

Good morning Lonnie,

I just spoke to one of MFU's representative and he will be getting back to me tomorrow. I will let you know.

Have a good day.

Sandra Comeau

Resource Management / Gestion de la ressource

Telephone / Téléphone 506-395-7765

From: Lonnie McNeill [mailto:]
Sent: May-15-18 8:51 AM
To: Comeau, Sandra J
Cc: Massiera, Josiane; Peter Johnston
Subject: Meeting with MFU

Hi Sandra:

I haven't heard back from Mr. Mallet regarding meeting to discuss the study. Have you by chance had any indications that the MFU would be available for a meeting next week? We are hoping to meet with PEIFA Tuesday or Wednesday (22-23 May) but haven't had confirmation regarding which day works best for them yet.

Thanks,

Lonnie

Lonnie McNeill

Associate

Lansdowne Technologies Inc.

(Cell)

s.19(1)

Leger, Liette

From: Michel Richard <michel@mfu-upm.com>
Sent: Friday, May 18, 2018 7:35 PM
To: Comeau, Sandra J
Cc: Homarus (UPM-MFU)-Martin Mallet; Emmanuel Moyen; Louis Ferguson; Annie Chiasson; Lonnie McNeill; Massiera, Josiane; LeBlanc, Carole L
Subject: Re: Rencontre - étude de faisabilité pour la surveillance des prises dans la pêche du homard

très bien

Sent from 

> On May 18, 2018, at 4:05 PM, Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca> wrote:
>
> Bonjour,
>
> Ce courriel est pour confirmer la rencontre entre Lansdowne Technologies Inc. (Lonnie McNeill), le MPO et l'UPM qui aura lieu le mercredi (23 mai) à 13h au bureau du MPO à Tracadie.
>
> Bonne fin de semaine.
>
> Sandra Comeau
> A/Area Manager, Resource Management / Gestionnaire de secteur, Gestion de la ressource p.i.
> Fisheries and Oceans Canada / Pêches et Océans Canada Telephone /
> Téléphone 506-395-7765
>
> <winmail.dat>

Leger, Liette

From: Comeau, Sandra J
Sent: Monday, February 04, 2019 10:19 AM
To: Massiera, Josiane
Subject: RE: suivi pour RDG

OK, merci.

Sandra Comeau
Ressource Management / Gestion de la ressource
Téléphone / Téléphone 506-395-7765

From: Massiera, Josiane
Sent: February-04-19 9:39 AM
To: Comeau, Sandra J
Subject: FW: suivi pour RDG

Fyi – RE: DMP, je vais commencer le mémo rapidement...tu pourras ajouter/corriger par la suite avant que je l'envois aux autres bureaux de secteurs.
Josiane

From: LeBlanc, Carole L
Sent: February-01-19 4:19 PM
To: Massiera, Josiane
Subject: RE: suivi pour RDG

Allo Josiane,
J'en ai parlé avec Marc et il ne veut pas faire d'appel les fins de semaine.
Pour DMP, il faut faire un mémo pour Serge et par la suite, Serge avisera le bureau du ministre via leur briefing qu'ils ont régulièrement.
Je vais présider le comité de la ZPP 24.

Carole

From: Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>
Sent: Friday, February 1, 2019 3:35 PM
To: LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>
Subject: RE: suivi pour RDG

Je voulais juste ajouter que les appels de fin de semaine n'affecterait pas toujours C&P et le RDG. Par exemple, cette année si l'ouverture reste le 30 avril, un mardi.
Il sera difficile de prédire le temps 4 jours en avance, donc l'industrie voudrait un appel le dimanche avec 2 personnes (moi et 1 personne du bureau de secteur) pour décider de l'ouverture du mardi. On parle de possiblement 1 à 3 appels de 15-20 minutes chacun et un peu de temps pour envoyer un avis aux pêcheurs (qui peut être préparer d'avance le vendredi). Il y aurait donc pas de VO à faire avant lundi si nécessaire. Si ça annonce pas beau, on aurait une autre appel le lundi pour regarder a une ouverture le mercredi, etc.

Le seul temps que C&P ou RDG serait impliquer est si l'ouverture est prévu le **vendredi, samedi ou dimanche** et les prédictions météo ne sont pas favorables, l'industrie va vouloir un appel de fin de semaine. C&P et le RDG seraient impliquer seulement si on décide d'ouvrir la fin de semaine ou le lundi à 6h00 am.

Josiane

From: Massiera, Josiane
Sent: February-01-19 1:45 PM
To: LeBlanc, Carole L
Subject: suivi pour RDG

Tel que mentionné durant notre rencontre, on aurait besoin de deux confirmations du RDG avant de mettre de l'effort à poursuivre 2 initiatives :

- 1) Dockside catch monitoring spot checks in lobster
- 2) Possible weekend calls for the opening of the lobster fishery (this would not automatically happen every year).

Josiane

①

April 25/10

[Catch Monitoring - Lobster] Date

~~Issues~~

~~Issues~~ Loonie (consultant)

Josiah Mark M., Gaelle L., Amelie R.

phone: Diane Fillier, Ben Moore, ~~Atan~~ Barbara Mathur

[Key Issues]

- DMC staff
 - ↳ pre option: reduce # ports where lobster is landed to reduce # observers
- Fishing location - key missing component in current logbook.
- need man for Science let/long on grids
- Transition to e-log
- Fishers perspective
- Buyers perspective:
- Programming changes

Options

- consider elements & weight factors
Factors: timeline - cost - operation

- AT-sea observers in Martinique
- Combined slips with log books in Martinique
- DFO needs programming to combine two elements
- ~~DFO~~ DFO do not have a "stick" for the buyers.
- Logs are estimated
- PEIFA landed data Pilot project - e-logs

(2)

Date April 25/10

- Data entry only
 - Gaëlle can't see this if we are heading towards elogs, ^{option}
- DMC data entry only when DMP is place and hailed

Hail in: Talking with DMCs it would work for lobster

Macquid → fishes calls buyers → DMC supply them an "x" boats coming in.

- Cannot wait for buy in from industry, if not we will never get anywhere.

≈ 125 ports

* estimate 25% more is not caught
example

- Snow Crab resistant, then where happy with it

Costs: Benchmark 2002 pilot project
• 30-40 / trips x 50 4.8 million \$
\$1,500 - 2,000
43.5% of costs

NL - • groundfish pick a few ports (largest)
• smallest ports less monitored, BUT all paying same amount.

(3)

Date April 25/8

[Sancho] :- ~~prefer~~ 100%

Diagnose all the wharfs, instead of just certain parts and not others.

- fear movements, but because of buyers this ~~not~~ could be minuz fair - cost

• Fishers :- waiting for elogs.
- issue on waiting for it.

Pilot project : 25% spring herring (gilts)
Talk to Manitoulin of total landings

25% per area

DME : needs to ~~be~~ change their business structure
- need service standard

• First year need to be successful, need to be able to deliver.

• 3 years timeline!

• Pilot project : Rock Crab Bair Chalene (2-3 years)
fishes. Hail-in with DME; catch ^{weighted} buyers provide info to DME that enters data 100%.

(4)

Date

- Boyens provides scales for weighted.
- missing 3rd Party verification.

Rock crab pilot in Chaleurs would maybe an option for small area.

* options -> leaning towards second options

~~Combine the logbook with boyers?~~
~~Boyers~~
↳ will not do this

[Loanie] [May 25 2018]

- will work on report CNS direct
- meetings ~~PEIFA~~ antigovernment / combative
- UPM polite

- Same messages
 - need to work on elogs
 - get it done elog
 - Don't like inefficient & too costly
- MFU :: elog first - then spot checked
- severe find a loose licences

→ Gaëlle Lemaire

15

[Lobster Catch Monitoring]

Date 19 Nov. 2018

Lorrie McNeill, Sandra Lorneau, Ben Moore, Alex Josiane M.

[Main Points]

- Point # factors driving catch minutes
- Feasible ↳ UN 2030 Agenda for Sustainable Development

* Repeat points as reason ~~that~~ why (refer to emails sent to industry in February ~~April~~ 2018)

* Be ready to answer why so low # traps

→ ~~Other~~ other areas

Sara Mantoux {
→ by-catch
→ Mandatory log books
→ 3rd party data entry

* QC → data process? ~~and~~
* NFL → ???

* → Forum where we are moving at the ^{not} same.

→ If e-log why DMP?

[DMP Lobster]

Date

Catch monitoring 1.5%

10 checks per jour minimum

669 LFA 23

MPO → fonds year 3 @ year 4?
\$40-\$50

6 compagnies →

Use Registered Byers scale

s.20(1)(b)
s.20(1)(c)

D M P - Lobster
meeting (call) with

Date Jan. 29/19

- Sea Tracker → Ricky Doyle
→ signish West

• Coverage

→ 100% for it

→

→ longer term employment

→ Training

→ E-log

→ sweet of applications ~~thinking Big~~
real time data

average

8 hours a day

~~Highish~~ Far West

~~Loonie~~ Loonie

Atlantic Catch Data Yarmouth: A. Dwyer
Greg O'Donnell Albert ~~Gravel~~ Gravel

→ Weight out → ~~land~~ landing

+ sign

+ flagger big with catches

* estimate dandy le weigh out form

* Check read only or
DME will scan and submit to DFO

Gravel

[Weekly -> ~~Scan~~ envelope]

→ Réviser des documents
Pese-Pêche → Nord (Crabe)

60 documents
jour

106
indian
on
cassid

Seefish - ~~fish~~ Sud

~~XXXX~~

{ *Conditions : Must show estimate
and let DMP take record of
your weight. }

Stat email

Atlantic Catch Monitoring

Date 30 Jan 19

Greg Contar. Albert

Wallace → Valentine Cove
Pictou → Caribbean

Pugwash ? can go Tagamagoush
Cheticamp - Western CB

- area to cover ?

Random covering

Contact

pichard/guay
Auster Landing
Report
Logbook
highway inter.

- Do we have enough people?

→ How do we flag to the buyers?

Henry Amundt
Dennis

* Fisheries officers check

* theme / pour pour 5 joms / 6 / 7

→ Monitor trained already

~~Monitoring~~ Covering Fall (hurry)
right now.

Guarantee: 1 hour + travel # lic

List wharves: Caysway to NB
~~licenas~~ / port

elog unique
ID

They will provide price
price per offload hourly \$ km a bit adon

Gaëlle
Bisette Case

E log Data
National to Regional System
see x ash for catch monitoring

Appel Pese-Pêche

Jan 31, 2019

Addit

- Formulaire de pesé
- estimé vs. vrai débarquements

Stouhavan ↔ Miscou

Beaucoup de voyage

10 - 2h pm

2 quarts / jour

Trouve un employé pour faire ça.

Crabe, crevette, morue

→ existant difficile, devra embaucher

* Parler à l'UPM pour leur dire

→ envoyer information

6 février 7 février 8h00.

[See Fish]

Date Feb. 1st / 19

Majorie Leeman
Rita Mallet

Monique Dupuis, Josiane M.

LFA 23 Bathurst - Base Chatham

LFA 25 - Tabusintac - Wallace

LFA 26 A Not Caribou up to Cape John

Jerry Amisault

~~Area~~ Dockside Monitoring
across Territory

- Could handle it

→ More 15 notices

→ ~~Not~~ company the company will
choose when to go.

* List of buyers

LFA 23 → 20 hours

Adm - weigh jams

- scan

- milage

Pay 4 hours / call-out

→ Provide schedule weekly to M. D.

Sandra LFA 23 → ~~Butterfly~~

Several monitors

excellent in LFA 25 and some 26 A

* C & P: presence

Feb. 4/19

Cheticamp Monitoring
~~Cheticamp~~ Dockside Company

~~Précille~~

~~Lammy~~ & Samantha Presing

Alan Dwyer

Monique Dupuis, Josiane M.

1st year → hit & miss

10 trips

* Add conditions - access to logbook
- access to back

Area Gulf Region of Cape Breton

Scan ~~daily~~ 2 / 1 time week

Good chance to be able to do it
with staff. Guaranteed a min

- Not limited to 10-30 trips
* → Provide 2017 # trips / weeks

[Island Way⁽⁹⁵⁾ - PEI]

Date Feb. 4/19

- Tammy - snow crab most in Sarnis
- refresher meeting April 8th
 - interest
 - no entering in AFIS this year
- Lists # trips # licences lobster across

60% sharing of port
Tignish → several 70-80% fishery

Time → Guarantee per hour + mileage
\$\$ /

Cost share between buyers & fishers

* Buyer's → Province ???

2 at snow crab eastern end
until July
- 2 days

* Ask for list of buyers

→ just weigh in → no checking for bait
→ ask fisher → holding open, but
don't go thr. Owns on fisher.

~~Heavy~~ → Needs a year in advance

1

[Lobster Catch Monitoring] Date Feb 11/19
Miquel Dupis, Gail, Sandra C.

- > 1-2 observateurs juste pour honneur
random check Audit
vérifier estimé pêcheries et vrai pesé
~~commentaires~~
-> # commentaires Weigh out => # punches
DMC -> demande # logbook = ~~commentaires~~
-> Unique Elog ID = 56th

-> C & P présence aux quais
surtout au début.

* Feuille envoyer catch monitoring screen
=> DMC report / screen au lieu Excel

Bot -> ampleur du problème?

Elog vs Journal de bord

DMC Report

punches slips

* ~~Estimé~~ = estimé -> comments

~~Prises~~ Prises vérifiées -> punches screen

* L> Parler à Jennifer -> conséquence
-> Scanner documents / / signat.
-> Faire envoi original - fin saison

Document # entre les données dans le système
Le numéro est en bas de la page.

Massiera, Josiane

Subject: SAVE the DATE: SGSL Lobster Advisory Committee Meeting
Location: DELTA MONCTON - 750 Main St

Start: Tue 04/12/2018 8:30 AM
End: Wed 05/12/2018 12:00 PM

Recurrence: (none)

Meeting Status: Meeting organizer

Organizer: Massiera, Josiane
Required Attendees: Massiera, Josiane; LeCouffe, Marc; LeBlanc, Carole L; Legere, Luc; Comeau, Sandra J; Pumphrey, Ronald; Dwyer, Alan; Coleman, John WK; Moore, Benjamin; Belliveau, Ron; St-Coeur, John; Leblanc, Arthur; Gillespie, Glen; Petersen, Krista; Rondeau, Amélie; Hardy, Matthew A (Moncton); Chiasson, Mireille; Maclachlan, Mark; Amirault-Langlais, Diane; Cuddy, Lori; LeBlanc, Isabelle; Leger, Suzanne; Savoie, Christina; Kirby, Danielle
Optional Attendees: Mallet, Manon; Doiron, Daniel; alan.dwyer@dmo-mpo.gc.ca; Vautour, Denise; Austin, Dave

This was just sent to industry (revised agenda).



RE: sGSL Lobster
Advisory Com...

Josiane

Massiera, Josiane

From: Massiera, Josiane
Sent: November-23-18 3:34 PM
To: Massiera, Josiane
Subject: RE: sGSL Lobster Advisory Committee on Dec. 4-5, 2018 / Comité consultatif du homard du sGSL le 4 et 5 décembre, 2018
Attachments: REVISED AGENDA sGSL Lobster Advisory-Comité consultatif du homard-Dec4-5 2018.pdf

Message en français qui suit

Hello,
Please find attached, the revised agenda for the Lobster sGSL Advisory Committee. Documents will follow early next week.

You will notice that we added a two hour time slot to join in by telephone DFO's technical briefing on the North Atlantic Right Whales that will be taken place in Montreal the morning of December 4th. The National Marine Mammal Peer Review Committee (NMMPRC) will be conducting a scientific peer-review of North Atlantic right whale (NARW) occurrence and risk of interactions with fishing gear and collision with vessels on November 25-30, 2018. The results of this scientific peer review will help inform future management and conservation measures for NARW in Canada. Recognizing that there is significant interest in issues pertaining to the NARW from the fishing and shipping industry, DFO Sciences Sector will be providing a Technical Briefing to share information on the key scientific findings from this peer review. *(Please note that this is not a consultation of future management measures rather a briefing on the key results from this scientific peer review.)*. By allowing this time in the agenda, all the participants to the Lobster Advisory Committee will have the opportunity to receive the information that will be provided by this Technical Briefing.

Bonjour,
Veuillez voir ci-joint l'agenda révisé pour le comité consultatif du homard du sGSL. Les documents vont suivre au début de la semaine prochaine.

Veuillez noter que nous avons ajouté une période de deux heures afin de joindre par téléphone la séance d'information technique sur la baleine noire de l'Atlantique Nord. Le Comité national d'examen par les pairs sur les mammifères marins (CNEPMM) effectuera un examen scientifique de la présence de la baleine noire de l'Atlantique Nord (BNAN) et du risque d'interactions avec les engins de pêche et de collision avec les navires du 25 au 30 novembre 2018. Ces informations scientifiques aideront à éclairer les futures mesures de gestion et de conservation de la BNAN au Canada. Étant donné que les industries de la pêche et du transport maritime s'intéressent de près aux questions relatives à la BNAN, une séance d'information technique par le Secteur des sciences du MPO aura lieu afin de faire part des principaux résultats de cette revue aux intéressés. *(Veuillez noter qu'il ne s'agit pas d'une consultation concernant des mesures de gestion futures, mais bien d'une séance d'information sur les principaux résultats de cette revue scientifique)*. En permettant ce temps dans l'agenda, tous les participants au comité consultatif du homard pourront recevoir l'information qui sera fourni par cette session d'information technique.

Josiane

From: Massiera, Josiane
Sent: November-07-18 1:30 PM
To: Massiera, Josiane

Subject: sGSL Lobster Advisory Committee on Dec. 4-5, 2018 / SAUVEZ LA DATE: Comité consultatif du homard du sGSL le 4 et 5 décembre, 2018

Message en français qui suit

The agenda for the Lobster sGSL Advisory Committee is attached. Documents will follow.

Note that the meeting will now take place **December 4th (9:00 am to 4:30 pm) and December 5th (8:30 am to noon) at the DELTA Hotel Moncton**, located at 750 Main St., Moncton, NB. There is a block of room at the Delta Hotel put aside under "Fisheries and Oceans-Lobster" until November 22 at a rate of [REDACTED].

Fisheries and Oceans Canada would also like to advise you that a Gulf Region Gear-Based Workshop on U.S. Marine Mammal Protection Act (MMPA) Import Provisions will take place on December 6, 2018 (all day) at the same venue. The invitation will be sent out by Ottawa shortly.

Veillez trouver ci-joint l'ordre du jour pour le comité consultative du homard du sGSL. Les documents vont suivre. Notez que la réunion aura maintenant lieu e **4 décembre (9h00 à 16 h 30) et le 5 décembre (8 h 30 à midi) à l'hôtel DELTA Moncton**, situé au 750 rue Main, Moncton, N.-B. Il y un bloc de chambres à l'hôtel Delta qui a été mis de côté sous « Fisheries and Oceans-Lobster » jusqu'au 22 novembre à un taux de [REDACTED].

Pêches et Océans Canada aimerait vous aviser qu'il y aura un atelier des engins de pêches de la Région du Golfe sur le U.S. des provisions d'importations du Marine Mammal Protection Act (MMPA) le 6 décembre 2018 (toute la journée) au même endroit. Une invitation vous sera envoyé par Ottawa bientôt.

Josiane

From: Massiera, Josiane

Sent: October-09-18 10:04 AM

To: Massiera, Josiane

Subject: FW: SAVE the DATE: sGSL Lobster Advisory Committee on Dec. 4-5, 2018 / SAUVEZ LA DATE: Comité consultatif du homard du sGSL le 4 et 5 décembre, 2018

Message en français qui suit

Fisheries and Oceans Canada (DFO), Gulf Region, will be holding a Lobster Southern Gulf of St. Lawrence Advisory Committee on December 4th (8:30 am to 4:30 pm) and December 5th (8:30 am to 3:00 pm) at the Crowne Plaza Downtown Moncton (Ballroom), located at 1005 Main St., Moncton, NB.

We are asking stakeholders to provide suggested agenda items to Josiane Massiera by email: Josiane.Massiera@dfo-mpo.gc.ca before October 31, 2018. The agenda will be shared after that date.

The Terms of Reference of the Committee are attached. Thank you!

Pêches et Océans Canada (MPO) tiendra le prochain Comité consultative du homard du sGSL le 4 décembre (8 h 30 à 16 h 30) et le 5 décembre (8 h 30 à 15 h 00) au Crowne Plaza Downtown Moncton (Salle Ballroom), situé au 1005 rue Main, Moncton, N.-B.

Nous demandons aux intervenants de fournir des suggestions pour les points à l'ordre du jour par courriel à Josiane Massiera : Josiane.Massiera@dfo-mpo.gc.ca d'ici le 31 octobre 2018. Un agenda sera partagé après cette date.

Le mandat du comité est joint.

Merci !

Josiane Massiera

Regional Senior Fisheries and Aquaculture Management Officer | Agent principal régional, Gestion des pêches et de l'aquaculture

Resources Management | Gestion de la ressources

Fisheries and Aquaculture Management Branch, Gulf Region | Gestion des pêches et de l'aquaculture, Région du Golfe

Fisheries and Oceans Canada | Pêches et des Océans Canada

343 avenue Université Avenue

P.O. Box 5030 | C.P. 5030

Moncton NB | N.-B. E1C 9B6

Josiane.Massiera@dfo-mpo.gc.ca

Telephone | Téléphone 506 - 851-7290

Massiera, Josiane

Subject: sGSL Lobster Advisory items
Location: room 320 Gestion

Start: Wed 28/11/2018 10:30 AM
End: Wed 28/11/2018 11:00 AM

Recurrence: (none)

Meeting Status: Meeting organizer

Organizer: Massiera, Josiane
Required Attendees: Gaudet, Mario; LeBlanc, Carole L

- 1) Plan for elog
- 2) Catch monitoring
- 3) Follow-up items from 2017

s.16(2)(c)

Massiera, Josiane

Subject: Lobster Catch Monitoring-presentation for advisory committee
Location: Call-in: 1-877-413-4781 ID: [REDACTED] or Room 320 (Moncton)
Start: Mon 19/11/2018 11:00 AM
End: Mon 19/11/2018 12:00 PM
Recurrence: (none)
Meeting Status: Meeting organizer
Organizer: Massiera, Josiane
Required Attendees: Gaudet, Mario; Lonnie McNeill; Savoie, Christina; Dwyer, Alan; Comeau, Sandra J; Moore, Benjamin
Optional Attendees: LeBlanc, Carole L

Call-in: 1-877-413-4781
ID: [REDACTED]

The deck will be shared by email.

Massiera, Josiane

Subject: Lobster Catch Monitoring Strategy and other items for lobster Advisory
Location: Miramichi 1-2-3

Start: Tue 30/10/2018 3:00 PM
End: Tue 30/10/2018 4:00 PM

Recurrence: (none)

Meeting Status: Meeting organizer

Organizer: Massiera, Josiane
Required Attendees: Dwyer, Alan; Moore, Benjamin; Comeau, Sandra J; LeBlanc, Carole L; Mallet, Pierre

Hopefully we will finish the RM planning session earlier so you guys don't have to leave too late.
We would like to discuss the strategy for lobster catch monitoring and planning of the lobster advisory.
If anyone can't find the catch monitoring final report and Deck that I sent on June 18, 2018 let me know.

I will also work on a draft agenda for the advisory.

Josiane

Massiera, Josiane

Subject: Call with Lonnie RE: Lobster Catch Monitoring

Start: Mon 18/06/2018 11:30 AM

End: Mon 18/06/2018 12:00 PM

Recurrence: (none)

Organizer: Massiera, Josiane

Massiera, Josiane

Subject: Labster catch monitoring report
Location: RM boardroom

Start: Thu 10/05/2018 11:00 AM
End: Thu 10/05/2018 11:30 AM

Recurrence: (none)

Meeting Status: Accepted

Organizer: Mallet, Pierre
Required Attendees: Massiera, Josiane

Allo Josiane,

Courte discussion sur le rapport

Merci

Massiera, Josiane

Subject: Catch Monitoring Call with GNS industry reps
Location: call

Start: Tue 24/04/2018 1:00 PM
End: Tue 24/04/2018 2:00 PM

Recurrence: (none)

Organizer: Massiera, Josiane

Massiera, Josiane

Subject: Lobster Catch Monitoring meeting with consultant

Location: Gestion - 320

Start: Tue 27/02/2018 1:30 PM

End: Tue 27/02/2018 3:30 PM

Recurrence: (none)

Meeting Status: Meeting organizer

Organizer: Massiera, Josiane

Required Attendees: Massiera, Josiane; Mallet, Pierre; Lapierre, Daniel; Rondeau, Amélie; Lemay, Gaëlle

Optional Attendees: Dwyer, Alan; Comeau, Sandra J; Moore, Benjamin

Massiera, Josiane

From: Massiera, Josiane
Sent: January-08-18 4:18 PM
To: LeBlanc, Carole L
Subject: FW: Key messages for Media and Industry on Catch monitoring

fyi

From: Petersen, Krista
Sent: January-08-18 3:53 PM
To: Massiera, Josiane
Subject: RE: Key messages for Media and Industry on Catch monitoring

FYI:

http://www.oag-bvg.gc.ca/internet/Francais/att_f_41724.html

De : Massiera, Josiane
Envoyé : 2018-January-08 11:42 AM
À : Petersen, Krista
Objet : RE: Key messages for Media and Industry on Catch monitoring

Once the contract is active (closing date for the bid soon), it is possible that there will be media attention. This is why we would prefer that there are media lines approved.

However, since media is not present at our advisory meeting tomorrow, I doubt that there will be media attention on this subject at this meeting. That is why Marc is ok to talk in general about catch monitoring.

Media will most likely be more interested in the results of consultations for the carapace size increase....we will see if NS and Aboriginal reps will present their positions. If you want to give me a call after the meeting, I'll brief you. I think I forgot the attachment in my previous email ☺. Catch monitoring will be mentioned during the Management measures items.

Josiane

From: Petersen, Krista
Sent: January-08-18 11:28 AM
To: Massiera, Josiane
Subject: RE: Key messages for Media and Industry on Catch monitoring

s.19(1)

Hi Josiane.

Sorry, but I did not put anything into approval.

I'm [REDACTED]. I'll have to review this.

Are you anticipating media attention on this or are the key messages for industry?

If it is for industry purposes, as in to respond to requests from fishermen at the Advisory committee meeting, they don't need to go through Communications approvals.
BUT, that said, I would still be happy to review them to give my two-cents.

De : Massiera, Josiane
Envoyé : 2018-January-08 10:07 AM
À : Petersen, Krista
Objet : FW: Key messages for Media and Industry on Catch monitoring

Hi Krista,
We have a LFA 26A1 and A3 Advisory Committee meeting tomorrow (Agenda attached). We will most likely say a few general lines on catch monitoring.
Can you tell me is the Media lines vetting has started?

Thanks,
Josiane

From: Massiera, Josiane
Sent: December-19-17 1:49 PM
To: Petersen, Krista
Subject: RE: Key messages for Media and Industry on Catch monitoring

Hi Krista,
There were no one that bid for this contract, so we have made a few changes and extending the offer to other suppliers. The closing date should be January 15.
Have you had the chance to start the vetting for the key messages?

Thanks,
Josiane

From: Massiera, Josiane
Sent: December-06-17 1:16 PM
To: Petersen, Krista
Cc: LeBlanc, Carole L; Frenette, Isabelle (Moncton)
Subject: Key messages for Media and Industry on Catch monitoring

Hi Krista,
Please find the Media lines/ key messages for industry for approval. These lines would be use to answer any questions from media in regards to catch monitoring in general in all of our fisheries. They would also be used during our fisheries advisory committees
We expect questions in regard to a contract that will be in place for a feasibility study for lobster catch monitoring. The posting period (for bidding) for this contract is schedule to end today.

Note that these lines have not been vetted by FAM, I understood from you that they would be vetted via the Communication process.

Thank you,
Josiane

Massiera, Josiane

From: Massiera, Josiane
Sent: January-08-18 11:42 AM
To: Petersen, Krista
Subject: RE: Key messages for Media and Industry on Catch monitoring
Attachments: 1. AGENDA for LFA_26A1_and_26A3_Advisory_Committee-January 9_2018.pdf

Once the contract is active (closing date for the bid soon), it is possible that there will be media attention. This is why we would prefer that there are media lines approved.

However, since media is not present at our advisory meeting tomorrow, I doubt that there will be media attention on this subject at this meeting. That is why Marc is ok to talk in general about catch monitoring.

Media will most likely be more interested in the results of consultations for the carapace size increase....we will see if NS and Aboriginal reps will present their positions. If you want to give me a call after the meeting, I'll brief you. I think I forgot the attachment in my previous email ☺. Catch monitoring will be mentioned during the Management measures items.

Josiane

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Sent: January-08-18 11:28 AM
To: Massiera, Josiane
Subject: RE: Key messages for Media and Industry on Catch monitoring

Hi Josiane.

Sorry, but I did not put anything into approval.

I'm just back in today from 2 weeks off. I'll have to review this.

Are you anticipating media attention on this or are the key messages for industry?

If it is for industry purposes, as in to respond to requests from fishermen at the Advisory committee meeting, they don't need to go through Communications approvals.

BUT, that said, I would still be happy to review them to give my two-cents.

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Thanks,
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Sent: December-06-17 1:16 PM
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Cc: LeBlanc, Carole L; Frenette, Isabelle (Moncton)
Subject: Key messages for Media and Industry on Catch monitoring

Hi Krista,

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We expect questions in regard to a contract that will be in place for a feasibility study for lobster catch monitoring. The posting period (for bidding) for this contract is schedule to end today.

Note that these lines have not been vetted by FAM, I understood from you that they would be vetted via the Communication process.

Thank you,
Josiane

AGENDA
LOBSTER FISHING AREA (LFA) 26A1&A3 ADVISORY COMMITTEE MEETING
JANUARY 9, 2018
10:00 PM – 3:00 PM
CROWN PLAZA HOTEL MONCTON, NB
(Westmorland Room)

PURPOSE OF MEETING

To discuss management measures in preparation for the 2018
fishing season in LFA 26A1 and LFA 26A3

AGENDA

Participants: DFO and LFA 26A1 and LFA 26A3 Industry

1. Welcome and introductions
2. Draft Terms of Reference of the Advisory Committee
3. Economic Summary
4. Sciences update
5. Review of the 2017 Fishery
 - a. Conservation and Protection
 - b. Industry

Lunch- not provided

6. Management Measures
 7. Proposals:
 - a. Carapace increase proposals
 - b. Point Prim-Victoria line adjustments (PEIFA proposal)
 - c. Scallop Buffer Zones (PEIFA proposal)
 8. Others
-

Massiera, Josiane

Subject: Lobster Catch Monitoring Study RE: Stats Site visit
Location: Statistics unit

Start: Tue 13/03/2018 9:00 AM
End: Tue 13/03/2018 3:30 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Meeting organizer

Organizer: Massiera, Josiane
Required Attendees: Lonnie McNeill; Lemay, Gaëlle; Robichaud-Hache, Melanie

I booked you from 9h00-3h30 pm to avoid others to book meetings that day, but you can adjust as you see fit.
I am sending the meeting info, but will not be attending 😊
Josiane

s.16(2)(c)

s.19(1)

Massiera, Josiane

Subject: Update on Lobster Catch Monitoring Feasibility Study / Key Messages
Location: Call: 1-877-413-4781 ID: [REDACTED] # or Room 320 in Moncton
Start: Mon 12/03/2018 10:30 AM
End: Mon 12/03/2018 11:30 AM
Recurrence: (none)
Meeting Status: Meeting organizer
Organizer: Massiera, Josiane
Required Attendees: Petersen, Krista; LeBlanc, Carole L; Lonnie McNeill ([REDACTED]); Peter Johnston ([REDACTED])

The consultant has been hired. We met with him today.
Josiane

Massiera, Josiane

From: Massiera, Josiane
Sent: March-01-18 9:57 AM
To: Lonnie McNeill (lonnie.mcneill57@gmail.com)
Cc: Peter Johnston (p.johnston@lansdowne.com)
Subject: FW: Key messages for Media and Industry on Catch monitoring
Attachments: MECTS-#3856539-v1-2017-LOBSTER_Catch_monitoring_key_messages.DOCX

These are the messages we had put together (see purpose below). Could you participate to a discussion with Krista Peterson of Communication, **Monday March 12 at 10h30 am**? Krista is off until then.

Josiane

From: Massiera, Josiane
Sent: December-06-17 1:16 PM
To: Petersen, Krista
Cc: LeBlanc, Carole L; Frenette, Isabelle (Moncton)
Subject: Key messages for Media and Industry on Catch monitoring

Hi Krista,

Please find the Media lines/ key messages for industry for approval. These lines would be use to answer any questions from media in regards to catch monitoring in general in all of our fisheries. They would also be used during our fisheries advisory committees

We expect questions in regard to a contract that will be in place for a feasibility study for lobster catch monitoring. The posting period (for bidding) for this contract is schedule to end today.

Note that these lines have not been vetted by FAM, I understood from you that they would be vetted via the Communication process.

Thank you,

Josiane

FISHERY MONITORING AND CATCH REPORTING KEY MESSAGES FOR MEDIA AND INDUSTRY

- The Commissioner of the Environment and Sustainable Development conducted a performance audit focused on whether Fisheries and Oceans Canada had identified and put in place selected key elements needed to manage Canada's fisheries for conservation and sustainability, such as management planning and the collection and analysis of information about the state of fish stocks and how many fish are caught.
- The audit found that Fisheries and Oceans Canada was missing key information needed to manage Canada's fish stocks sustainably, including gaps in catch monitoring.
- This finding is important because timely, integrated, accessible and reliable information about the health of the fish stocks is the foundation for fisheries management decisions. Increasing fishery monitoring and catch reporting may also help industry meet eco-certification requirements.
- As a result, Fisheries and Oceans Canada committed to emphasize its efforts on identified deficiencies in fishery monitoring and catch reporting for key stocks and to look at ways to make reliable and timely data available for fisheries management.

(Adapt message to specific Fishery)

- There are currently concerns regarding the accuracy of the catch data derived from the official catch system and the delay of availability of these data. There are also uncertainties in the amount of non-recorded lobster catches corresponding to other sales, personal consumption, and potential illegal fishing. Furthermore, the current system is not adequate to process fishing effort information.
- DFO Gulf Region is committed to work on fishery monitoring and a catch reporting system in the coming years that will provide complete and integrated information on catch, effort and fishing location.

s.19(1)

Massiera, Josiane

From: Massiera, Josiane
Sent: March-01-18 10:45 AM
To: 'Lonnie McNeill'
Subject: RE: FW: Key messages for Media and Industry on Catch monitoring

I will book a room from 1:00-3:00 on the 12 March with Daniel. Will Peter be calling-in?
I will book Gaëlle for March 13.

From: Lonnie McNeill [mailto:]
Sent: March-01-18 10:19 AM
To: Massiera, Josiane
Cc: Peter Johnston ()
Subject: Re: FW: Key messages for Media and Industry on Catch monitoring

You must be a mind reader; I was just thinking about this! I look forward to the meeting.
It would be good to discuss DMP with Daniel, perhaps in the afternoon of 12 March, and I believe I will likely need the better part of 13 March to meet with Gaëlle regarding GFIS. I will be thinking of any other areas I may need to further investigate during my two-day visit to your Headquarters.

Merci,
Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
(Cell)

On Thu, Mar 1, 2018 at 9:57 AM, Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca> wrote:

These are the messages we had put together (see purpose below). Could you participate to a discussion with Krista Peterson of Communication, **Monday March 12 at 10h30 am**? Krista is off until then.

Josiane

From: Massiera, Josiane
Sent: December-06-17 1:16 PM
To: Petersen, Krista
Cc: LeBlanc, Carole L; Frenette, Isabelle (Moncton)
Subject: Key messages for Media and Industry on Catch monitoring

Hi Krista,

Please find the Media lines/ key messages for industry for approval. These lines would be use to answer any questions from media in regards to catch monitoring in general in all of our fisheries. They would also be used during our fisheries advisory committees

We expect questions in regard to a contract that will be in place for a feasibility study for lobster catch monitoring. The posting period (for bidding) for this contract is schedule to end today.

Note that these lines have not been vetted by FAM, I understood from you that they would be vetted via the Communication process.

Thank you,

Josiane

s.19(1)

Massiera, Josiane

From: Massiera, Josiane
Sent: March-01-18 11:10 AM
To: 'Lonnie McNeill'
Cc: Lemay, Gaëlle
Subject: RE: Lobster Catch Monitoring Study RE: Stats Site visit

Unfortunately Melanie who works with Gaëlle is [REDACTED]...we can go talk to her a few minutes after your meeting with Daniel on the 12.

From: Lonnie McNeill [mailto:[REDACTED]]
Sent: March-01-18 11:04 AM
To: Massiera, Josiane
Subject: Re: Lobster Catch Monitoring Study RE: Stats Site visit

Thanks very much Josiane. I accepted this meeting and the comms meeting, but I don't know if that is automatically updated on your computer. I don't think Peter will call in for the meeting with Daniel, and I can pretty much guarantee that, like you, he won't participate in the Stats discussions!

Thanks again,
Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

On Thu, Mar 1, 2018 at 10:51 AM, Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca> wrote:
I booked you from 9h00-3h30 pm to avoid others to book meetings that day, but you can adjust as you see fit.
I am sending the meeting info, but will not be attending ☺

Josiane

Massiera, Josiane

From: Lonnie McNeill <[REDACTED]>
Sent: March-07-18 2:27 PM
To: Massiera, Josiane; Lapierre, Daniel; Peter Johnston
Subject: Chéticamp Monitoring
Attachments: DMC Questions Cheticamp Monitoring.xlsx

Good afternoon:

I have attached a summary of the points brought forward by Prescille Desveaux, the General Manager. I did not get a breakdown of total monitored landings per fishery/per sector/ per month but Prescille indicated that kind of information could be compiled from the GFIS. Prescille did not give a number for minimum number of fishers needed at each wharf either, saying factors like remoteness, size of catch would contribute to willingness to provide DMP services in a given location. It'll be interesting to see if any of the DMCs can provide a quantitative estimate.

Daniel, I have left phone messages with the number provided in Sandra's Out of Office Response to see if it is possible to switch the NB/PEI Area visit dates, but have not heard back yet. If I don't get a return call by tomorrow morning, I will ask you for a point of contact from NB who I could speak with.

Thanks,
Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

Question	Response
What procedures could be adapted to the lobster fishery and what changes would be required to accommodate the increased demand for your services?	Would basically follow same procedures. Would need to increase staff and possibly equipment to handle what is perceived to be a huge increase in demand for services.
Would the addition of Lobster catch monitoring require modification to your current business model? If yes, how and why?	Biggest change would be greater demand for staff and associated training for this staff, as well as the preparation and planning necessary to ensure things run smoothly.
What would be the minimum number of fishers needed at each wharf?	Difficult to quantify. Although it is clear that it is more efficient/cost effective in ports with good landing facilities and more fishers, more remote/less busy ports could be serviced, but at a higher price rate.
What do you believe would be the most significant challenges and do you have proposed solutions/ideas to deal with these challenges?	Biggest challenge is the magnitude of the change with such a large fishery. Planning and pre-organization will be very important, and must be combined with lead-in of at least six months (and preferably one year) and introduced in stages.
Do you have any final points/recommendations/suggestions regarding options for implementing a plan for additional catch monitoring in the Gulf Region Lobster Fishery?	Need input from DMPs in developing/implementing.

s.19(1)

Massiera, Josiane

From: Lonnie McNeill - [REDACTED]
Sent: March-08-18 10:05 AM
To: Serge Chiasson
Cc: Massiera, Josiane; Lapierre, Daniel; Comeau, Sandra J; Fillion, Diana; Peter Johnston
Subject: Feasibility Study

Good morning Serge:

Thank you for the opportunity to visit Pèse-Pêche Inc. next Thursday 15 March at 9 A.M. to gather information and get your perspective for the feasibility study I am conducting regarding catch monitoring in the Gulf Region Lobster Fishery. During my visit, I hope to gain an understanding of how you currently conduct catch monitoring for other species, and then discuss how your operations could adapt to include monitoring for lobster.

I look forward to meeting with you.

Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

Massiera, Josiane

From: LeBlanc, Carole L
Sent: March-09-18 12:17 PM
To: Dwyer, Alan; Comeau, Sandra J; Moore, Benjamin; Fillion, Diana; Massiera, Josiane
Cc: Mallet, Pierre; LeBlanc, Julie M
Subject: Key messages - Catch monitoring
Attachments: MECTS-#3887275-v1-2018_LOBSTER_Messages_FR_CatchMonitoring.DOCX; MECTS-#3856539-v2-2017-LOBSTER_Catch_monitoring_key_messages.DOCX

As discussed this AM on our call. These were approved by Frank Quinn on March 9, 2018.

Carole LeBlanc
Regional Manager, Fisheries and Aquaculture Management
Gestionnaire régionale, Gestion des pêches et aquaculture
343 Université Ave. Moncton, NB E1C 9B6
Telephone | Téléphone: 506-851-2147
Faxsimile | Télécopieur: 506-851-2620
Internet: Carole.LeBlanc@dfo-mpo.gc.ca

SURVEILLANCE DES PÊCHES ET DÉCLARATION DES PRISES MESSAGES CLÉS À L'INTENTION DE L'INDUSTRIE

- La commissaire à l'environnement et au développement durable a réalisé un audit de performance ayant pour but de déterminer si Pêches et Océans Canada (MPO) a identifié et mis en place certains éléments clés requis pour assurer une gestion des pêches au Canada fondée sur la conservation et l'exploitation durable des ressources, comme la planification de la gestion et la collecte et l'analyse des données sur l'état des stocks de poissons et le nombre de poissons pêchés.
- L'audit a révélé qu'il manque au ministère certains renseignements clés dont il a besoin pour gérer ses stocks de poissons de façon durable. Cela comprend des lacunes sur le plan des données sur les prises et de la surveillance des prises.
- Il s'agit d'une constatation importante, car les décisions en matière de gestion des pêches ne peuvent être prises sans renseignements à jour, intégrés, accessibles et fiables sur la santé des stocks de poissons. Également, en renforçant la surveillance des pêches et la déclaration des prises, il pourrait être plus facile pour l'industrie de répondre aux exigences d'écocertification.
- Ainsi, le MPO s'engage à concentrer ses efforts sur les lacunes relevées au chapitre de la surveillance des pêches et de la déclaration des prises des principaux stocks, et à se pencher sur des façons de faire qui permettraient de disposer de données fiables et à jour pour la gestion des pêches.

(Adapter le message en fonction de la pêche)

- Pour la pêche au homard dans la Région du Golfe, il y a actuellement des préoccupations entourant l'exactitude des données sur les prises provenant du système de déclaration des prises officielles et le retard sur le plan de la disponibilité de ces données. Il y a également des incertitudes quant au nombre de prises de homard non enregistrées qui se rattachent aux autres ventes, à la consommation personnelle et à une pêche possiblement illégale. De plus, le système actuel n'est pas adéquat pour le traitement de l'information sur l'effort de pêche.
- La Région du Golfe du MPO s'engage à travailler sur un système de surveillance des pêches et de déclaration des prises dans les années à venir, système qui fournira de l'information complète et intégrée sur les prises, l'effort et l'emplacement des pêches.

FISHERY MONITORING AND CATCH REPORTING KEY MESSAGES FOR INDUSTRY

- The Commissioner of the Environment and Sustainable Development conducted a performance audit focused on whether Fisheries and Oceans Canada (DFO) had identified and put in place selected key elements needed to manage Canada's fisheries for conservation and sustainability, such as management planning and the collection and analysis of information about the state of fish stocks and how many fish are caught.
- The audit found that the Department was missing key information needed to manage Canada's fish stocks sustainably, including gaps in catch data and catch monitoring.
- This finding is important because timely, integrated, accessible and reliable information about the health of the fish stocks is the foundation for fisheries management decisions. Increasing fishery monitoring and catch reporting may also help industry meet eco-certification requirements.
- As a result, DFO committed to emphasize its efforts on identified deficiencies in fishery monitoring and catch reporting for key stocks and to look at ways to make reliable and timely data available for fisheries management.

(Adapt message to specific Fishery)

- For the lobster fishery in Gulf Region, there are currently concerns regarding the accuracy of the catch data derived from the official catch system and the delay of availability of these data. There are also uncertainties in the amount of non-recorded lobster catches corresponding to other sales, personal consumption, and potential illegal fishing. Furthermore, the current system is not adequate to process fishing effort information.
- DFO Gulf Region is committed to work on fishery monitoring and a catch reporting system in the coming years that will provide complete and integrated information on catch, effort and fishing location.

s.19(1)

Massiera, Josiane

From: Massiera, Josiane
Sent: March-12-18 9:50 AM
To: 'Lonnie McNeill'
Subject: RE: Monday Meetings

You can meet me earlier if you want. Call my number when you get in: 7290

From: Lonnie McNeill [mailto:]
Sent: March-11-18 9:01 PM
To: Massiera, Josiane
Subject: Monday Meetings

Hi Josiane:

I plan to arrive at your office around 1000 for our 1030 meeting with Krista. I am staying quite close to you, so if you think it would be worthwhile to arrive earlier, I can certainly do so.

I have been thinking it might be worthwhile to have a short discussion on DFO structure/reporting lines, both within your Headquarters and to the Area Offices, to help me understand how Resource Management works with C&P/Stats/Communications/Biologist etc.

See you soon,
Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
(Cell)

Massiera, Josiane

From: Massiera, Josiane
Sent: March-12-18 12:01 PM
To: Petersen, Krista
Cc: Lonnie McNeill; LeBlanc, Carole L
Subject: Approved Key messages Re: Catch Monitoring
Attachments: MECTS-#3856539-v2-2017-LOBSTER_Catch_monitoring_key_messages.docx

As discussed, please find the approved key messages. We will check if we will ask Area offices contact the main Associations and First Nations to share the messages with them.

Any Media request to Lonnie will be referred back to DFO (Josiane/Krista).

Josiane

FISHERY MONITORING AND CATCH REPORTING KEY MESSAGES FOR INDUSTRY

- The Commissioner of the Environment and Sustainable Development conducted a performance audit focused on whether Fisheries and Oceans Canada (DFO) had identified and put in place selected key elements needed to manage Canada's fisheries for conservation and sustainability, such as management planning and the collection and analysis of information about the state of fish stocks and how many fish are caught.
- The audit found that the Department was missing key information needed to manage Canada's fish stocks sustainably, including gaps in catch data and catch monitoring.
- This finding is important because timely, integrated, accessible and reliable information about the health of the fish stocks is the foundation for fisheries management decisions. Increasing fishery monitoring and catch reporting may also help industry meet eco-certification requirements.
- As a result, DFO committed to emphasize its efforts on identified deficiencies in fishery monitoring and catch reporting for key stocks and to look at ways to make reliable and timely data available for fisheries management.

(Adapt message to specific Fishery)

- For the lobster fishery in Gulf Region, there are currently concerns regarding the accuracy of the catch data derived from the official catch system and the delay of availability of these data. There are also uncertainties in the amount of non-recorded lobster catches corresponding to other sales, personal consumption, and potential illegal fishing. Furthermore, the current system is not adequate to process fishing effort information.
- DFO Gulf Region is committed to work on fishery monitoring and a catch reporting system in the coming years that will provide complete and integrated information on catch, effort and fishing location.

Massiera, Josiane

From: Massiera, Josiane
Sent: March-12-18 1:06 PM
To: Lonnie McNeill
Subject: FW: Lobster Catch Monitoring Faisibility Study - Consultant

Please let me know which time is better for you to meet Amélie.
Josiane

From: Rondeau, Amélie
Sent: March-12-18 12:23 PM
To: Massiera, Josiane
Subject: RE: Lobster Catch Monitoring Faisibility Study - Consultant

Tomorrow, either late morning or late pm

Amélie Rondeau

Section Head, Lobster | Chef de section, Homard

☎ (506) 851-2650

✉ amelie.rondeau@dfo-mpo.gc.ca

From: Massiera, Josiane
Sent: March-12-18 11:45 AM
To: Rondeau, Amélie
Cc: Lonnie McNeill
Subject: Lobster Catch Monitoring Faisibility Study - Consultant

Hi Amélie,
Would you have around 30 minutes to meet with Lonnie either around 3h00 pm today or anytime tomorrow?

Josiane

Massiera, Josiane

From: Massiera, Josiane
Sent: March-12-18 3:40 PM
To: Lonnie McNeill
Subject: Pacific DFO Catch monitoring framework

http://www.pac.dfo-mpo.gc.ca/fm-gp/docs/framework_monitoring-cadre_surveillance/page-1-eng.html

Massiera, Josiane

From: Lapierre, Daniel
Sent: March-13-18 9:09 AM
To: 'Lonnie McNeill'
Cc: Massiera, Josiane; Peter Johnston
Subject: RE: Report 2 - Sustaining Canada's Major Fish Stocks
Attachments: FINAL DRAFT- DMP Gulf Regional Annex_V2.pdf

I Lonnie,

Find attached this DMP Regional Annex, it 95% finalized but It'll give you better idea on how it complements the DMP Policies and procedures manual.

I also sent an email to my counterpart in Ottawa to inquire about the National Fishing Monitoring Policy, I'll let you know as soon as I have more details.

Cheers

Daniel Lapierre

Catch Monitoring Program Coordinator – Conservation and Protection branch
Fisheries and Oceans – Gulf Region/Government of Canada
daniel.lapierre@dfo-mpo.gc.ca / Tel : 506-851-6214 / Cell: 506- / Fax : 506-851-2504

Coordonnateur, Programmes de surveillance – Division de la Conservation et Protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
daniel.lapierre@dfo-mpo.gc.ca / Tél : 506-851-6214 / Mobile: 506- / Télécopieur : 506-851-2504

From: Lonnie McNeill [mailto:]
Sent: 2018-March-12 6:56 PM
To: Lapierre, Daniel
Subject: Report 2 - Sustaining Canada's Major Fish Stocks

Salut Daniel:

Here is the document we talked about regarding National Monitoring Policy.

a plus tard,
Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
(Cell)

Conservation and Protection Directorate



Dockside Monitoring Program Policy

Gulf Annex

December 2017

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1.0 Deployment Procedures - Hail System and Procedures

1.1 Hail-in procedure

1.1.1 Hail-ins shall be entered into the GFIS system within 24 hours after the issuance of the confirmation number.

1.1.2 A Hail-in log must be maintained and submitted to C&P along with required documentation (i.e. DMP tallies / logbook copy); the following should be documented upon each hail:

Hail in date and time	Vessel (Name, VRN)
Caller's name (captain/operator)	Logbook/Elog UID number
Licence number	Hail In confirmation number
ETA (estimate time of arrival – date, time)	Estimated weight
Landing Port	Species
Buyer	Dockside Observer name
Fishing area	Dispatcher (hailed by);

1.1.3 Non-offload hail-ins shall have the rationale as to why it is a non-offload entered in the notes section of the hail in screen in GFIS; DMCs should notify the DMP Coordinator immediately.

1.2 Change in offload time procedure

1.2.1 If a licence holder/operator requests an earlier offload time than stated in the original hail-in, the DMC must get permission from the local C&P Detachment Supervisor.

1.2.2 If a licence holder/operator changes the hail or the time of an offload, the DMC shall document in the comment section of GFIS the name of the person who called in to change, the date and time and why the change is being made.

1.3 No offload time procedure

If a licence holder/operator hails in but cannot provide an offload time, the DMC cannot give the licence holder/operator a confirmation number and cannot accept the hail-in.

1.4 Partial Offload

According to paragraph (3) of the “Annex C” - Dockside Monitoring:

“As soon as offloading of catches begins, it must be done in full and without interruption.”

2.0 Data Entry Requirements

2.1 Monitored landing entry timeline

Data collected from the monitoring documents/logs associated to a monitored landing shall be entered accurately and completely into the GFIS system within 48hrs after the landing.

2.2 Notify the DFO Gulf Region Statistical Division if entry not possible

Data shall be entered in the GFIS system as directed by the DFO Gulf region Statistical Division. Should an entry not be able to be entered into the system as directed, a note shall be entered in the comment field in GFIS. The DFO Gulf Region Statistical Division and the DMP Coordinator shall be notified immediately via email as to the nature of the issue and the fishery involved.

2.3 Unmonitored landing entry timeline

Data for unmonitored landings, which are forwarded to the dockside monitoring company for data entry, shall be date stamped immediately upon receipt, and entered accurately and completely into the GFIS system within 24 hours.

2.4 Requirement to send original documents to DFO Gulf Region Statistical Division

All processed original monitoring documents (monitored and unmonitored) shall be mailed to the DFO Gulf Region Statistical Division monthly in accordance with the Gulf Region Statistical Division and shipped in a manner that permits tracking of those documents. The DMC is responsible for all documents until they are received by the Statistical Division and a receipt is obtained.

2.5 Outstanding document procedures

2.5.1 All outstanding original monitored and unmonitored documents that have not been received by the DMC, within 15 days of the landing, shall be documented and follow up action taken to obtain these documents. Details of the steps taken to obtain these documents must be documented for audit purposes and forwarded to the DMP Coordinator on the 1st of each month.

The follow-up information shall include:

- Licence number and species;
- Date and time of contact with licence holder;
- The name of the DMC employee that was contacting the licence holder;
- What type of contact (i.e. Phone, email, letter);
- Outcome.

2.5.2 DMCs are to refer to the DMP Coordinator any licence holder with missing documents older than 30 calendar days. The referral is to detail all attempts made by the DMC to retrieve the missing documents. The DMP Coordinator will follow up with the C&P Gulf Region Chief of Enforcement, the local detachment and the DFO Gulf region Statistical Division.

3.0 **Weigh out Requirements**

3.1 Wearing of vest requirement

Dockside Observers, while on duty, shall wear a dockside observer vest that clearly identifies them as a Dockside Observer and their company affiliation.

3.2 Fishing document verification

3.2.1 For trips that are monitored, the Dockside Observer shall verify that the log/monitoring document is duly completed by the licence holder/operator.

3.3 Logbook not completed

Should the logbook not be completed as required, the DMC must immediately notify the local C & P detachment and obtain permission to proceed with the offload. An incident report will be submitted by the observer to the DMP Coordinator once the "monitored" offload is completed.

~~3.4 — Dockside Observer to ask “if all fish has been removed” and document~~

~~3.4.1 After the offload is complete, the Dockside Observer must ask the licence holder/operator if all the fish has been removed from the vessel.~~

~~3.4.2 The Dockside Observer shall check the appropriate fields on the DMP weigh out summary form to confirm the information above.~~

4.0 Post offload holds verification

4.1 Obtain permission

Dockside observers must, before proceeding with the post offload hold verification, obtain permission from the vessel master/operator to board the vessel; this should only be done when the vessel master/operator or crew member has confirmed that all fish caught and retained have been removed from the vessel.

4.2 Confirm that the post offloads hold verification has been completed

The Dockside Observer must confirm that the post offload hold verification has been completed by checking the appropriate field appearing on the DMP weigh out summary form following each offload.

4.3 Denied access to the hold

If the dockside observer is denied access to the hold or any containers in plain view, he/she must inform the DMC and contact the local Conservation and protection detachment for further instructions. The dockside observer must document the following in the comments section of the DMP weigh out summary form and submit an incident report to the Dockside Monitoring Company and the DMP Coordinator.

- Document the date and time;
- Document the vessel and VRN;
- Document the Captain's name and what was said; and
- Complete an incident report and ensure a copy is sent to their DMC who then will forward it to the responsible C&P Detachment with a copy to the Gulf Region's DMP Coordinator.

5.0 Document Management

5.1 Scan documents and transmit to DMP Coordinator

5.1.1 The DMCs shall provide a color PDF scan of the following documents to Regional Gulf region DMP Coordinator

- Hail In sheet;
- Copy of the Harvester Logbook (when applicable);
- DMP weigh out summary form.

5.1.2 The Dockside Monitoring Company shall submit the abovementioned documents by the 15th of each month; each file should be named using the following format:

VRN_SPECIES_LANDING DATE (YYYY-MM-DD)

5.1.3 All PDF files may be submitted electronically via the DMP Inbox at XGLFDMP@DFO-MPO.GC.CA or uploaded on CD/DVD or USB key and sent by mail to the DMP Coordinator at the following coordinates:

Fisheries and Oceans Canada
Gulf Region
Att: Daniel Lapierre
343 Université Avenue
Moncton, NB
E1C 5K4

5.2 Seized documentation

5.2.1 DMC shall immediately notify the DMP Coordinator when landing documents are seized by C&P fishery officers at the wharf or at the DMC office.

5.2.2 DMCs must document these events using the appropriate form and send a formal request to the detachment to retrieve the original documents or copies of these documents.

6.0 Arm's length requirements – Mitigation Protocol

6.1 Declaration of conflicts of interests

For all declared conflicts, DMCs shall provide a written description of how each conflict should be mitigated as per the new protocol on Mitigation of Conflicts of Interest.

7.0 Dockside observer requirements – Education

7.1 Knowledge equivalency

Upon initial designation of a dockside observer, DMCs shall submit a *Dockside Monitor – Education* form (Annex A) along with all required documents whenever the following is applicable.

- a. Applicant has successfully completed high school but cannot provide a copy of his/her diploma.
- b. Applicant did not successfully complete high school or equivalent but it is believed that the candidate can perform the duties of a Dockside Observer.

DRAFT

Massiera, Josiane

From: Massiera, Josiane
Sent: March-13-18 4:54 PM
To: Lonnie McNeill; Lemay, Gaëlle
Cc: Maclachlan, Mark; LeBlanc, Carole L
Subject: Lobster landing restrictions
Attachments: Summary of offlanding Restrictions in Gulf Region 2017CoL.docx

Please find attached a summary of the lobster landing restrictions found in the lobster Gulf Region licence conditions.

Josiane

Summary of Fishing Restrictions in Gulf Region 2017 Lobster Licence Conditions (LC)

*The number refers to the licence condition's number

(All LC can be found in the shared drive: R:\FHMB\RESALL\Licence conditions\Lobster)

LFA 23

66* - LOBSTER LFA 23 BATHURST TO POKESHAW ABORIGINAL LC:

6.1 Lobster catches shall only be landed in the ports located between the community of Bathurst inclusively and the east extremity of the portion of LFA23 referred to as 23A as defined in Annex A - Definition of portions of Lobster Fishing Areas (community of Pokeshaw).

78 - LOBSTER LFA 23C BAIE ST SIMON BAIE DE SHIPPAGAN LC

6.1 The offloading of lobster catches may only occur in the same homeport as the one indicated on this licence.

181 - LOBSTER LFA 23 DALHOUSIE & BELLEDUNE ABORIGINAL LC

6.1 Lobster catches shall only be landed in the ports located between the north west extremity of the portion of LFA23 referred to as 23A as defined in Annex A - Definition of portions of Lobster Fishing Areas and the community of Belledune inclusively.

427 - LOBSTER LFA 23C PIGEON HILL TO MACEACHERN POINT LC

6.1 The offloading of lobster catches may only occur in the same homeport as the one indicated on this licence.

428 - HOMARD ZPH 23C OUEST DE MISCOU (RAYMOND LANTEIGNE) PC

6.1 Le déchargement des prises de homard peut seulement avoir lieu dans le même port d'attache que celui indiqué dans le présent permis.

429 - LOBSTER LFA 23D LC

6. FISHING RESTRICTIONS

6.1 The offloading of lobster catches may only occur in the same homeport as the one indicated on this licence.

601 - LOBSTER LFA 23A LC

5.1. The offloading of lobster catches may only occur in the same homeport as the one indicated on this licence.

602 - LOBSTER LFA 23B LC

6.1 The offloading of lobster catches may only occur in the same homeport as the one indicated on this licence.

LFA 24

445 - LOBSTER LFA 24 (MILLIGANS TO SEACOW POND) LC

5.1 The loading and landing of lobster traps, as well as the off-loading of the catch shall occur at one of the following Prince Edward Island ports:

Milligans Wharf
Port Hill Wharf
Bideford
Lennox Island
Northport
Tignish
Seacow Pond

446 - LOBSTER LFA 24 (NORTH LAKE TO MALPEQUE) LC

5.1 The loading and landing of lobster traps, as well as the off-loading of the catch shall occur at one of the following Prince Edward Island ports:

North Lake
Naufrage
Red Head Harbour
Savage Harbour
Tracadie
Covehead
Rustico
New London Bay
Stanley Bridge
French River
Malpeque
Darnley

LFA 26 - NONE

LFA 25

297 – LOBSTER LFA 25 NB CORRIDOR POINTE SAPIN TO ESCUMINAC LC

5.1 The loading and landing of lobster traps, as well as the off-loading of the catch shall occur at one of the following Eastern New Brunswick ports:

Pointe Sapin
Loggiecroft
Escuminac

298 – LOBSTER LFA 25 NB EEL RIVER ABORIGINAL LC

6.1 Lobster catches shall only be offloaded in the area located between Rivière à l'Anguille, in Kent County, and Ruisseau des Major flowing into Bay of Saint-Louis.

6.2 The loading and offloading of lobster traps may only occur in a landing port located in Eastern New Brunswick.

LOBSTER LFA 25 NB GROS CAP LC - 299 and LOBSTER LFA 25 NB GROS CAP ABORIGINAL LC – 300

5.1 Lobster catches shall only be offloaded in the area located between Gros Cap south of Richibuctou Cape and the Community of Grande Digue.

5.2 The loading and offloading of lobster traps may only occur in a landing port located in Eastern New Brunswick.

LOBSTER LFA 25 NB RUISSEAU DES MAJORS LC– 301 and LOBSTER LFA 25 NB RUISSEAU DES MAJORS ABORIGINAL LC– 302

5.1 Lobster catches shall only be offloaded in the area located between Major Creek flowing into Saint-Louis Bay and Gros Cap south of Richibuctou Cape.

5.2 The loading and offloading of lobster traps may only occur in a landing port located in Eastern New Brunswick.

LOBSTER LFA 25 NB SHEDIAC BRIDGE LC – 303 and LOBSTER LFA 25 NB SHEDIAC BRIDGE ABORIGINAL LC – 304

5.1 Lobster catches shall only be offloaded in the area located between the Shediac Bridge Community and the New Brunswick - Nova Scotia border.

5.2 The loading and offloading of lobster traps may only occur in a landing port located in Eastern New Brunswick.

LOBSTER LFA 25 PEI PORTS VICTORIA, BORDEN LC– 308 and LOBSTER LFA 25 PEI PORTS VICTORIA BORDEN ABORIGINAL LC– 309

5.1 The loading and offloading of lobster traps, as well as the off-loading of the catch must occur at one of the following Prince Edward Island ports:

Victoria

Borden

Summerside
Higgin's Wharf
Edmont Bay/Fishing Cove
Abram's Village
West Point
Howard's Cove

LOBSTER LFA 25 PEI CORRIDOR SKINNER'S POND to TIGNISH LC - 310

5.1 The loading and offloading of lobster traps, as well as the offloading of lobster catches may only occur at one of the following ports:

Skinner's Pond, PEI
Miminegash, PEI
Seacow Pond, PEI
Tignish, PEI

LOBSTER LFA 25 PEI SKINNER' POND ABORIGINAL LC- 311

6.1 The loading and offloading of lobster traps, as well as the offloading of lobster catches may only occur at one of the following ports:

Skinner's Pond, P.E.I.
Miminegash, P.E.I.

LOBSTER LFA 25 NS LC– 351 and LOBSTER LFA 25 NS ABORIGINAL LC– 352

5.1 The loading and offloading of lobster traps, as well as the offloading of lobster catches may only occur in a landing port located in Gulf Nova Scotia.

Massiera, Josiane

From: Lonnie McNeill [REDACTED]
Sent: March-15-18 4:54 PM
To: Massiera, Josiane; Lapierre, Daniel; Lemay, Gaëlle
Cc: Peter Johnston; Comeau, Sandra J; Fillion, Diana
Subject: Visit to Pèse-Pêche Inc.
Attachments: DMC Questions Pèse-Pêche Inc. .xlsx

Good Afternoon from Tracadie:

I had a good visit with Serge Chiasson, the Director. Not surprisingly, the challenges associated with increased staff and potentially for computer/phone/forms etc. were mentioned. He likes the idea of designating which wharves the boats can go to. He gave an interesting suggestion to have the buyers conduct hail-ins to reduce the number of calls and to enable him to assign an Observer to a company rather than individual boats. That way, the Observer remains at the same weigh station monitoring the boats associated with that particular buyer. This could alleviate jockeying for position to have your weigh-out conducted - the buyer or the boats associated with the buyer can determine the order and the Observer remains focused on hi/her job. The Observers would be switched from one company to another on a regular basis to ensure impartiality. This, apparently is the fall herring fishery model.

Gaëlle, I included you on this e-mail, as I began wondering if this suggestion for the buyer to hail in works from a hailing/tracking perspective. I was shown an "Unloading Confirmation #" document where there are sequential numbers with the Observer's initials (for instance LM-001, LM-002 etc.) assigned for each boat monitored. The number is given to the fisher upon arrival at the wharf, written in the weigh-out sheet, and written in the Observer's notebook/journal.

Aiming to visit Seefish Tuesday 20 March, and ACD Yarmouth office Thursday 22 March (weather permitting of course).

Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

Question	Response
What procedures could be adapted to the lobster fishery and what changes would be required to accommodate the increased demand for your services?	Director believes procedures currently used for the herring fishery could be used with lobster. They can have over 100 boats landing each day (busy time is from 1000-1500) and probably 40% of the boats who fish herring also fish lobster.
Would the addition of Lobster catch monitoring require modification to your current business model? If yes, how and why?	Greater demand for staff and associated training for this staff. Depending on what percentage will be monitored, this increase could include dispatch, secretary (data entry) an observers. Infrastructure in the office (phone/desk space/computer) would be affected and there might be a requirement to produce new forms/templates. Director thinks the university/college provides a good pool of resources for the relatively short but busy spring season, that would help handle the increased workload, particularly if the implementation is staged over a number of years.
What would be the minimum number of fishers needed at each wharf?	Did not have an answer for this, but indicated that this is not an issue if the ports for lobster weighouts are designated by DFO.
What do you believe would be the most significant challenges and do you have proposed solutions/ideas to deal with these challenges?	Apart from the challenges associated with increased staff and infrastructure, Director believes this initiative will not be welcomingly embraced by either the fishers or the buyers because they will be paying for a service they perceive as currently being free.
Do you have any final points/recommendations/suggestions regarding options for implementing a plan for additional catch monitoring in the Gulf Region Lobster Fishery?	If, instead of fishers, it was agreed that buyers hail-in for the vessels they are buying from, it would be significantly reduce the number of calls received by the dispatchers and simplify the assignment of Dockside Observers as they could be assigned to a buyer in advance.

Massiera, Josiane

From: Massiera, Josiane
Sent: March-20-18 4:29 PM
To: LeBlanc, Carole L
Subject: RE: FISHERY MONITORING AND CATCH MONITORING

Si le consultant avait le temps d'aller au Maritimes et avait l'intention de parler aux pêcheurs....on pourrait toujours lui demander de parler aux associations principales (MFU, PEIFA...2 en NÉ?) et Elsipogtog et Burnt Church (qui ont plus de permis de homard) à la fin lorsqu'il y aura une plus grande appréciation du contexte. Mais si on va dans cette direction, il faut faire vite. On s'en parle demain.

Josiane

From: LeBlanc, Carole L
Sent: March-20-18 4:23 PM
To: Massiera, Josiane
Subject: Re: FISHERY MONITORING AND CATCH MONITORING

Ah non! J'ai envoyer un fyi a Marc et Frank.

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Massiera, Josiane
Sent: Tuesday, March 20, 2018 4:11 PM
To: Dwyer, Alan; LeBlanc, Carole L
Subject: RE: FISHERY MONITORING AND CATCH MONITORING

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Should I add this in the issue report? I will check with the other areas if they received any comments on this.
Josiane

From: MacArthur, Barbara
Sent: March-20-18 3:32 PM
To: LeBlanc, Carole L; Massiera, Josiane
Cc: Dwyer, Alan
Subject: FW: FISHERY MONITORING AND CATCH MONITORING

FYI.

Barbara

s.19(1)

From: MacArthur, Barbara
Sent: March-20-18 3:31 PM
To: [REDACTED]; 'ronald.heighton@ns.sympatico.ca'; [REDACTED] 'Inverness South Fishermen's Association'; [REDACTED] 'wayne.d@plfn.ca'; [REDACTED] 'merina.sark@paqtnkek.ca';

s.19(1)

netcomm@ncnsnetcomm.ns.ca; [REDACTED] adrian2@eastlink.ca; [REDACTED] john.couture@uinr.ca;

Cc: Dwyer, Alan

Subject: FISHERY MONITORING AND CATCH MONITORING

FISHERY MONITORING AND CATCH REPORTING

- The Commissioner of the Environment and Sustainable Development conducted a performance audit focused on whether Fisheries and Oceans Canada (DFO) had identified and put in place selected key elements needed to manage Canada's fisheries for conservation and sustainability, such as management planning and the collection and analysis of information about the state of fish stocks and how many fish are caught.
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- DFO has hired a consulting firm to develop a feasibility study on attaining timely and accessible catch data in the Gulf Region lobster fishery. DFO will be consulting industry on the findings of this study.

If you have questions, please contact Josiane Massiera, Regional Fisheries and Aquaculture, Management Officer, Gulf Fisheries Centre, Fisheries and Oceans Canada, Moncton, NB , (506) 851-7290.

Barbara MacArthur
A/Resource Management Officer
Telephone: 902-863-7076
Facsimile~Telecopier 902-863-5818
Barbara.MacArthur@dfo-mpo.gc.ca
Fisheries and Oceans Canada/Pêches et Océans
2920 Highway 104, Antigonish County, NS
B2G 2K6
Government of Canada/Gouvernement du Canada

Massiera, Josiane

From: Massiera, Josiane
Sent: March-20-18 4:57 PM
To: LeBlanc, Carole L; Comeau, Sandra J; Dwyer, Alan; Moore, Benjamin
Cc: Petersen, Krista
Subject: RE: Fishery Monitoring and Catch Monitoring

Please let us know if you receive any comments on this.

French version:

Josiane

SURVEILLANCE DES PÊCHES ET DÉCLARATION DES PRISES À L'INTENTION DE L'INDUSTRIE

- La commissaire à l'environnement et au développement durable a réalisé un audit de performance ayant pour but de déterminer si Pêches et Océans Canada (MPO) a identifié et mis en place certains éléments clés requis pour assurer une gestion des pêches au Canada fondée sur la conservation et l'exploitation durable des ressources, comme la planification de la gestion et la collecte et l'analyse des données sur l'état des stocks de poissons et le nombre de poissons pêchés.
- L'audit a révélé qu'il manque au ministère certains renseignements clés dont il a besoin pour gérer ses stocks de poissons de façon durable. Cela comprend des lacunes sur le plan des données sur les prises et de la surveillance des prises.
- Il s'agit d'une constatation importante, car les décisions en matière de gestion des pêches ne peuvent être prises sans renseignements à jour, intégrés, accessibles et fiables sur la santé des stocks de poissons. Également, en renforçant la surveillance des pêches et la déclaration des prises, il pourrait être plus facile pour l'industrie de répondre aux exigences d'écocertification.
- Ainsi, le MPO s'engage à concentrer ses efforts sur les lacunes relevées au chapitre de la surveillance des pêches et de la déclaration des prises des principaux stocks, et à se pencher sur des façons de faire qui permettraient de disposer de données fiables et à jour pour la gestion des pêches.
- Pour la pêche au homard dans la Région du Golfe, il y a actuellement des préoccupations entourant l'exactitude des données sur les prises provenant du système de déclaration des prises officielles et le retard sur le plan de la disponibilité de ces données. Il y a également des incertitudes quant au nombre de prises de homard non enregistrées qui se rattachent aux autres ventes, à la consommation personnelle et à une pêche possiblement illégale. De plus, le système actuel n'est pas adéquat pour le traitement de l'information sur l'effort de pêche.
- La Région du Golfe du MPO s'engage à travailler sur un système de surveillance des pêches et de déclaration des prises dans les années à venir, système qui fournira de l'information complète et intégrée sur les prises, l'effort et l'emplacement des pêches.
- Le MPO a engagé une firme de consultants afin de développer une étude de faisabilité qui permettrait de recevoir des données de prises à jour et accessible dans la pêche du homard de la Région du Golfe. Le MPO va consulter l'industrie sur les résultats de cette étude.

From: LeBlanc, Carole L
Sent: March-20-18 3:02 PM
To: Massiera, Josiane; Comeau, Sandra J; Dwyer, Alan; Moore, Benjamin
Cc: Petersen, Krista
Subject: RE: Fishery Monitoring and Catch Monitoring

Hello,
Please let me know when this has been sent.
Josiane, please send the French version to Sandra.
Thanks
Carole

From: Massiera, Josiane
Sent: 2018-March-19 9:47 AM
To: Comeau, Sandra J; Dwyer, Alan; Moore, Benjamin
Cc: LeBlanc, Carole L
Subject: Fishery Monitoring and Catch Monitoring

Please share this message with the fishermen's associations and Indigenous groups in your area.
Thank you,
Josiane

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From: LeBlanc, Carole L
Sent: March-16-18 11:06 AM

To: Massiera, Josiane
Subject: FW: Catch monitoring

From: LeCouffe, Marc
Sent: 2018-March-13 5:10 PM
To: LeBlanc, Carole L
Subject: Re: Catch monitoring

We go ahead.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: LeBlanc, Carole L
Sent: Tuesday, March 13, 2018 4:53 PM
To: LeCouffe, Marc
Subject: Catch monitoring

Allo, est ce que Frank t'a donné une réponse concernant donner un pre-avis aux associations concernant l'etude de faisabilité pour le homard?

Sent from my BlackBerry 10 smartphone on the Rogers network.

Massiera, Josiane

From: Moore, Benjamin
Sent: March-21-18 7:51 AM
To: LeBlanc, Carole L; Massiera, Josiane; Comeau, Sandra J; Dwyer, Alan
Cc: Petersen, Krista
Subject: RE: Fishery Monitoring and Catch Monitoring

Hi Carole,

I have sent the message below to the PEIFA, MCPEI, NCPEI and the Province of PEI.

Thanks,
Ben

From: LeBlanc, Carole L
Sent: March-20-18 3:02 PM
To: Massiera, Josiane; Comeau, Sandra J; Dwyer, Alan; Moore, Benjamin
Cc: Petersen, Krista
Subject: RE: Fishery Monitoring and Catch Monitoring

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From: Massiera, Josiane
Sent: March-20-18 5:01 PM
To: Petersen, Krista; Lonnie McNeill
Subject: FW: FISHERY MONITORING AND CATCH MONITORING

Fyi -(Lonnie, Serge is our Regional Director General, head of the Gulf Region)

I forgot to provide the French version, so I don't think the messages have been distributed from the ENB area.
Josiane

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Sent: March-20-18 3:32 PM
To: LeBlanc, Carole L; Massiera, Josiane
Cc: Dwyer, Alan
Subject: FW: FISHERY MONITORING AND CATCH MONITORING

FYI.

Barbara

s.19(1)

From: MacArthur, Barbara
Sent: March-20-18 3:31 PM
To: [REDACTED]; 'ronald.heighton@ns.sympatico.ca'; [REDACTED] 'Inverness South Fishermen's Association'; [REDACTED] 'wayne.d@plfn.ca'; [REDACTED] 'merina.sark@paqtnkek.ca'; [REDACTED] 'netcomm@ncnsnetcomm.ns.ca'; [REDACTED] 'adrian2@eastlink.ca'; [REDACTED] 'john.couture@uinr.ca'; [REDACTED]

Cc: Dwyer, Alan

Subject: FISHERY MONITORING AND CATCH MONITORING

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*Barbara MacArthur
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Government of Canada/Gouvernement du Canada*

Massiera, Josiane

From: Lonnie McNeill [REDACTED]
Sent: March-21-18 9:39 AM
To: Massiera, Josiane
Cc: Petersen, Krista; Peter Johnston; LeBlanc, Carole L
Subject: Re: FW: FISHERY MONITORING AND CATCH MONITORING

Thanks very much Josiane. I agree with the sentiment, but as you indicated, it makes sense to actually have a plan from DFO to bring forward for consideration by the stakeholders. I had my meeting with Seefish yesterday and made it to Halifax last night. Tomorrow, I meet with Atlantic Catch in Yarmouth which will complete the DMC visits. I have received varying opinions/recommendations which I will work to reconcile once I have met with ACD.

Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

On Wed, Mar 21, 2018 at 9:21 AM, Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca> wrote:

This is what I told him, but he says that no plan can be good if we do not talk with them. For now, we will stick with our plan, we will let you know if anything needs to change.

Thanks,

Josiane

From: Lonnie McNeill [mailto:[REDACTED]]
Sent: March-20-18 10:06 PM
To: Massiera, Josiane
Cc: Petersen, Krista; Peter Johnston
Subject: Re: FW: FISHERY MONITORING AND CATCH MONITORING

Thanks for the info Josiane - based on the bid solicitation/Statement of Work, the involvement of the fishers (and associations as well as processors) would be part of the Optional Tasks/follow on DFO activity. While I appreciate concern about not being involved at the outset, I think this concern could be alleviated if it is stressed that the outcome of the study will be a plan that will be presented to the stakeholders for their assessment/feedback.

Lonnie

s.19(1)

Lonnie McNeill

Associate

Lansdowne Technologies Inc.

(Cell)

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Barbara MacArthur

A/Resource Management Officer

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Fisheries and Oceans Canada/Pêches et Océans

2920 Highway 104, Antigonish County, NS

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Government of Canada/Gouvernement du Canada

Massiera, Josiane

From: Massiera, Josiane
Sent: March-22-18 9:39 AM
To: LeBlanc, Carole L
Subject: FW: FISHERY MONITORING AND CATCH REPORTING / SURVEILLANCE DES PÊCHES ET DÉCLARATION DES PRISES

s.19(1)

Pti - Ceci a été envoyé hier matin à l'UPM. La compagnie de consultants est Lansdowne Technologies Inc. de Ottawa. Le consultant and Lonnie McNeil, basé en N.-É.

From: Comeau, Sandra J
Sent: March-21-18 11:30 AM
To: 'martin@mfu-upm.com'; 'annie.ferguson@gnb.ca'; Colette Léger (Colette.Leger@gnb.ca)
Cc: Legere, Luc; Theriault, Kim; Moore, Georges; Friolet, Rachel; Massiera, Josiane; Fillion, Diana; Haché, Jacques; Thomas, Marie-Claude; McGraw, Yvon; Albert, Gabriel M; Breault, Jonathan; Davies, Todd H; St-Coeur, John
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- As a result, DFO committed to emphasize its efforts on identified deficiencies in fishery monitoring and catch reporting for key stocks and to look at ways to make reliable and timely data available for fisheries management.
- For the lobster fishery in Gulf Region, there are currently concerns regarding the accuracy of the catch data derived from the official catch system and the delay of availability of these data. There are also uncertainties in the amount of non-recorded lobster catches corresponding to other sales, personal consumption, and potential illegal fishing. Furthermore, the current system is not adequate to process fishing effort information.
- DFO Gulf Region is committed to work on fishery monitoring and a catch reporting system in the coming years that will provide complete and integrated information on catch, effort and fishing location.
- DFO has hired a consulting firm to develop a feasibility study on attaining timely and accessible catch data in the Gulf Region lobster fishery. DFO will be consulting industry on the findings of this study.

.....

SURVEILLANCE DES PÊCHES ET DÉCLARATION DES PRISES À L'INTENTION DE L'INDUSTRIE

- La commissaire à l'environnement et au développement durable a réalisé un audit de performance ayant pour but de déterminer si Pêches et Océans Canada (MPO) a identifié et mis en place certains éléments clés requis pour assurer une gestion des pêches au Canada fondée sur la conservation et l'exploitation durable des ressources, comme la planification de la gestion et la collecte et l'analyse des données sur l'état des stocks de poissons et le nombre de poissons pêchés.
- L'audit a révélé qu'il manque au ministère certains renseignements clés dont il a besoin pour gérer ses stocks de poissons de façon durable. Cela comprend des lacunes sur le plan des données sur les prises et de la surveillance des prises.
- Il s'agit d'une constatation importante, car les décisions en matière de gestion des pêches ne peuvent être prises sans renseignements à jour, intégrés, accessibles et fiables sur la santé des stocks de poissons. Également, en renforçant la surveillance des pêches et la déclaration des prises, il pourrait être plus facile pour l'industrie de répondre aux exigences d'écocertification.
- Ainsi, le MPO s'engage à concentrer ses efforts sur les lacunes relevées au chapitre de la surveillance des pêches et de la déclaration des prises des principaux stocks, et à se pencher sur des façons de faire qui permettraient de disposer de données fiables et à jour pour la gestion des pêches.
- Pour la pêche au homard dans la Région du Golfe, il y a actuellement des préoccupations entourant l'exactitude des données sur les prises provenant du système de déclaration des prises officielles et le retard sur le plan de la disponibilité de ces données. Il y a également des incertitudes quant au nombre de prises de homard non enregistrées qui se rattachent aux autres ventes, à la consommation personnelle et à une pêche possiblement illégale. De plus, le système actuel n'est pas adéquat pour le traitement de l'information sur l'effort de pêche.
- La Région du Golfe du MPO s'engage à travailler sur un système de surveillance des pêches et de déclaration des prises dans les années à venir, système qui fournira de l'information complète et intégrée sur les prises, l'effort et l'emplacement des pêches.
- Le MPO a engagé une firme de consultants afin de développer une étude de faisabilité qui permettrait de recevoir des données de prises à jour et accessible dans la pêche du homard de la Région du Golfe. Le MPO va consulter l'industrie sur les résultats de cette étude.

Sandra Comeau

*A/Area Manager, Resource Management / Gestionnaire de secteur, Gestion de la ressource p.i.
Fisheries and Oceans Canada / Pêches et Océans Canada
Telephone / Téléphone 506-395-7765*

s.19(1)

Massiera, Josiane

From: Albert Gaudet <AGaudet@atlanticcatchdata.ca>
Sent: April-05-18 11:32 AM
To: Lonnie McNeill; DMP, Seefish; Prescille Desveaux; Ricky Doyle; Rita Maillet; Rob MacKay; Serge Chiasson; Tammy Arsenault; DMP, Atlantic Catch Halifax
Cc: Massiera, Josiane; Lapierre, Daniel; Peter Johnston
Subject: RE: Lobster Study - Data Entry

Hi all, if the logs were to remain weekly, but were adapted to have a weigh out slip for each day with an area for a monitor to sign off on it would significantly reduce data redundancies , one log a week as opposed to 5 to 7 logs....

In Scotia Fundy if a lobster fisher doesn't submit his log (s) by the next season open he can't print off his conditions until they are in , this has solved a huge problem for non submission of data...

Albert Gaudet
ACD Ltd.

From: Lonnie McNeill [mailto:]
Sent: April-05-18 11:23 AM
To: Albert Gaudet; Marjorie Leeman; Prescille Desveaux; Ricky Doyle; Rita Maillet; Rob MacKay; Serge Chiasson; Tammy Arsenault
Cc: Josiane Massiera; Lapierre, Daniel; Peter Johnston
Subject: Lobster Study - Data Entry

Good morning everyone:

I have been looking at the data entry aspect of catch monitoring. To get a rough idea of the staff requirement I made an estimate that it would take 10 minutes to process each data entry. I considered the expectation that some people can do this very quickly, but I also thought about the learning curve for new staff and the understanding that in addition to the entering of data, there could be the requirement to send the log book sheets to Moncton at regular intervals. With approximately 120,000 landings, this would give 1.2 million minutes/20,000 hrs/2500 work days (8 hrs per day). This equates to at least 10 people being very busy for a full year for the region.

	Landings	Data Entry Time in Minutes	Data Entry Time in Hours	Data Entry Time in Days	Minimum# of Data Entry People Required
NB Landings Spring	25295	252950	4216	527	2
NB Landings Fall	10604	106040	1767	221	1
NS Landings Spring	24500	245000	4083	510	2
NS Landings Fall	380	3800	63	8	0
PEI Landings Spring	48413	484130	8069	1009	4
PEI Landings Fall	10763	107630	1794	224	1
Total	119955	1199550	19993	2499	10

s.19(1)

Do these estimates make sense? I expect you will know much better than me if 10 minutes/entry is a reasonable assumption, so please let me know.

Thank you,
Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

s.19(1)

Massiera, Josiane

From: Massiera, Josiane
Sent: April-06-18 1:35 PM
To: 'Lonnie McNeill'
Subject: RE: Draft Outline - Lobster Study Report

A few questions/comments:

I am wondering about your last sentence on page 5, it looks like a recommendation to me. I don't think this should be in the project scope.

Page 7: What do you mean by "landings" is is the number of purchase slips (number of time a fisher came in with a catch recorded by a buyer)? We provide the number of landings in m.t to identify the volume of catches. I don't want people to think it's the tonnage.

Can you provide the definition in your text?

Finally, I just received a question from the public (UNI financial cooperation) asking what is the port/wharf generating the most lobster commercial activitie for LFA 23 and LFA 25.

From the data you provided, it looks like Pigeon Hill for LFA 23. For LFA 25, I don't seem to see the data for PEI? Do you have that yet? If not, I'll ask the areas.

Josiane

From: Lonnie McNeill [<mailto:>]
Sent: March-27-18 6:02 PM
To: Massiera, Josiane
Cc: Peter Johnston
Subject: Draft Outline - Lobster Study Report

Hi Josiane:

I have attached the subject draft for your review. Highlighted in yellow are comments indicating work to be done or parts to be expanded upon as we move into the next phase of the study. We can make changes to the format to meet your requirements.

It seems like poor weather seems to be following me. We are now getting reports of potential freezing rain tomorrow - just in time for my drive to Antigonish.

Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
(Cell)

s.19(1)

Massiera, Josiane

From: Lonnie McNeill [REDACTED]
Sent: April-23-18 3:21 PM
To: Comeau, Sandra J; Moore, Benjamin
Cc: Massiera, Josiane; Peter Johnston
Subject: Consultations with Associations

Hi Sandra and Ben:

Unless either of you have heard something, it is not looking too promising for speaking with MFU or PEIFA before the week is out. I understand MFU may be missing at least one key person. I left phone messages with PEIFA, but haven't heard back.

I will be in Antigonish tomorrow afternoon for a teleconference with NS Associations. There is still an opening for Wednesday afternoon following the Options discussion, either in Moncton with MFU, or I could drive to Charlottetown for a mid-to-late afternoon meeting with PEIFA.

Looking ahead to next month, the window would be 22-25 May; I believe 21 May is a holiday.

Thanks,

Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

Massiera, Josiane

From: Lapierre, Daniel
Sent: April-30-18 1:45 PM
To: Lonnie McNeill
Cc: Massiera, Josiane; Peter Johnston
Subject: RE: elog update
Attachments: DMP Weigh Out - Species.pdf; 20172018 DMP Landing Report - PDF version.pdf

Hi Lonnie,

Find attached copie of both documents.

Daniel Lapierre

Catch Monitoring Program Coordinator – Conservation and Protection branch
Fisheries and Oceans – Gulf Region/Government of Canada

s.16(2)(c) daniel.lapierre@dfo-mpo.gc.ca / Tel : 506-851-6214 / Cell: 506- [REDACTED] / Fax : 506-851-2504

Coordonnateur, Programmes de surveillance – Division de la Conservation et Protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

daniel.lapierre@dfo-mpo.gc.ca / Tél : 506-851-6214 / Mobile: 506- [REDACTED] / Télécopieur : 506-851-2504

s.19(1)

From: Lonnie McNeill <[REDACTED]>
Sent: Friday, April 27, 2018 8:21 AM
To: Lapierre, Daniel <Daniel.Lapierre@dfo-mpo.gc.ca>
Subject: Re: elog update

Merci Daniel - bonne fin de semaine - apres les rendezvous.

Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

On Fri, Apr 27, 2018 at 8:18 AM, Lapierre, Daniel <Daniel.Lapierre@dfo-mpo.gc.ca> wrote:

Morning Lonnie,

Currently in PEI for meetings but will send you copies of both documents on Monday at the latest.

Daniel

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Lonnie McNeill
Sent: Friday, April 27, 2018 8:16 AM
To: Massiera, Josiane; Lapierre, Daniel
Cc: Peter Johnston
Subject: Re: elog update

Bon matin Josiane:

After more discussion with Gaëlle I think I see the rationale for not changing the paper log until more is known about the ELOG, and how the shrimp/snow crab can have DMP with an ELOG that doesn't include the sales information. The dockside observer uses a DMP Weigh-Out Form and also fills out a Landing Report, so that captures the catch information that is currently missing from the log book.

Daniel, would you by chance have electronic copies of the DMP Weigh-Out Form and the Landing Report that I could take a look at?

Thanks,
Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

On Thu, Apr 26, 2018 at 7:14 AM, Lonnie McNeill [REDACTED] wrote:

Thanks for the update Josiane:

The paper log might not have to be changed if the the ELOG is up and running quickly, but I think somehow the system needs to have a way to keep all the necessary information together. Otherwise, there will be no change from the current situation where Statistics is trying to match up a sales slip with a log sheet that are sent from two different sources at two different times.

We will keep this in mind as we continue looking at the options.

Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

On Wed, Apr 25, 2018 at 3:25 PM, Massiera, Josiane <Josiane.Massiera@dfm-mpo.gc.ca> wrote:

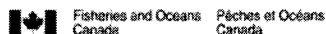
Hi Lonnie,

We discussed sales info at our DFO Gulf elog working group. The sales information is not currently being capture in the shrimp or snow crab elog (but they have DMP. It is not included in the Quebec lobster elog either. The thinking was that the information should come from the buyers. The Gulf working group agreed to request that the information be filled in by the fisher in their elog, but I'm not sure if the national working group or upper management will agree.

For now, I don't think we would be pursuing a change in the paper log until we know more about the elog.

Thanks,

Josiane



SPECIES / ESPÈCE: _____
DMP WEIGH OUT SUMMARY FORM
FORMULAIRE SOMMAIRE DE LA PESÉE DU PVQ

Trip ID # _____
 No de voyage _____

Company _____
 Compagnie _____

Date _____ Port Landed _____ Hail Out # _____ Page _____ of/de _____
 Port de débarquement No. de sortie en mer

Monitor's Name _____ ID # _____ Hail in # _____ Code _____
 Nom du vérificateur # d'id No. d'appel en mer

Offloading Time - Start: _____ Finish _____ Licence No. _____ Area Fished _____
 Heure du déchargement - Début Fin No. de permis Zone de pêche

VRN _____ Vessel Name _____ Captain _____
 NEB Nom du bateau Capitaine

Buyer _____ Logbook # Elog UID# _____ Logbook completed Yes/Oui _____
 Acheteur # du livre de bord/# IDU du Elog Livre de bord complété No/Non _____

Check Scale _____ Scale Certified by _____ Accreditation # _____
 Vérifié la balance Balance certifiée par # d'accréditation

Date Certified _____ Expiry Date _____ Tare _____
 Date certifiée Date d'expiration

1. _____	11. _____	21. _____	31. _____	41. _____
2. _____	12. _____	22. _____	32. _____	42. _____
3. _____	13. _____	23. _____	33. _____	43. _____
4. _____	14. _____	24. _____	34. _____	44. _____
5. _____	15. _____	25. _____	35. _____	45. _____
6. _____	16. _____	26. _____	36. _____	46. _____
7. _____	17. _____	27. _____	37. _____	47. _____
8. _____	18. _____	28. _____	38. _____	48. _____
9. _____	19. _____	29. _____	39. _____	49. _____
10. _____	20. _____	30. _____	40. _____	50. _____
Total _____	_____	_____	_____	_____
Tare _____	_____	_____	_____	_____
Net _____	_____	_____	_____	_____

Total Net Weight/Poids total net _____ kgs. Hold Empty / Cale Vide Yes / Oui _____ No / Non _____

Total weight sold (net)/Poids total vendu (net) _____ kgs. Total weight kept for personal use (net) _____ kgs.
 Poids total conservé pour besoins personnels (net)

Signature (Captain/Capitaine) _____
 I agree with the weight indicated. / Je suis d'accord avec le poids indiqué.

Comments:

SARA / LEP:

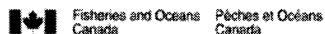
Signature _____ Autorisation # _____
 (Monitor/Vérificateur)

DMC office use only / Réserve au bureau CVQ seulement Date _____ Initial _____

December 2017

FORM NUMBER

001262



SPECIES / ESPÈCE : _____

Trip ID # _____

Company: _____

DMP WEIGH OUT SUMMARY FORM

No de voyage _____

Compagnie : _____

FORMULAIRE SOMMAIRE DE LA PESÉE DU PVQ

Page _____ of / de _____

Date _____ Captain _____ Vessel _____
Capitaine

51. _____	71. _____	91. _____	111. _____	131. _____
52. _____	72. _____	92. _____	112. _____	132. _____
53. _____	73. _____	93. _____	113. _____	133. _____
54. _____	74. _____	94. _____	114. _____	134. _____
55. _____	75. _____	95. _____	115. _____	135. _____
56. _____	76. _____	96. _____	116. _____	136. _____
57. _____	77. _____	97. _____	117. _____	137. _____
58. _____	78. _____	98. _____	118. _____	138. _____
59. _____	79. _____	99. _____	119. _____	139. _____
60. _____	80. _____	100. _____	120. _____	140. _____
61. _____	81. _____	101. _____	121. _____	141. _____
62. _____	82. _____	102. _____	122. _____	142. _____
63. _____	83. _____	103. _____	123. _____	143. _____
64. _____	84. _____	104. _____	124. _____	144. _____
65. _____	85. _____	105. _____	125. _____	145. _____
66. _____	86. _____	106. _____	126. _____	146. _____
67. _____	87. _____	107. _____	127. _____	147. _____
68. _____	88. _____	108. _____	128. _____	148. _____
69. _____	89. _____	109. _____	129. _____	149. _____
70. _____	90. _____	110. _____	130. _____	150. _____
Total _____	_____	_____	_____	_____
Tare _____	_____	_____	_____	_____
Net _____	_____	_____	_____	_____

Total Net Weight / Poids total net _____ kgs.

Total Net Weight
Page 1 & 2 < _____ > _____ kgs.
Poids Total Net

Captain's Signature _____
I agree with the weight indicated. / Je suis d'accord avec le poids indiqué.



Fisheries and Oceans
Canada

**Pêches et Océans
Canada**

LANDING REPORT / RAPPORT DE DÉBARQUEMENT

[illegible]

Dockside Observer's signature
Signature de l'observateur à quai

Original (white) for the DEPARTMENT
Original (blanc) pour le MINISTÈRE

Captain's signature
Signature du capitaine

Copies (blue)(yellow) for the BUYERS
Copies(bleue)/(jaune) pour les ACHETEURS

Copy (green) for the FISHERMAN
Copie (verte) pour le PÊCHEUR

Massiera, Josiane

From: Comeau, Sandra J
Sent: May-18-18 4:30 PM
To: Homarus (UPM-MFU)-Martin Mallet ; Emmanuel Moyen; Louis Ferguson; Annie Chiasson; michel@mfu-upm.com
Cc: Lonnie McNeill; Massiera, Josiane; LeBlanc, Carole L
Subject: RE: Rencontre - étude de faisabilité pour la surveillance des prises dans la pêche du homard

Désolé, SVP, prendre note que le lieu de la réunion a été changé au bureau de l'UPM qui est situé au 422 rue Arseneau à Tracadie.

Merci.

Sandra Comeau

*Resource Management / Gestion de la ressource
Telephone / Téléphone 506-395-7765*

From: Comeau, Sandra J
Sent: May-18-18 4:06 PM
To: Homarus (UPM-MFU)-Martin Mallet ; 'Emmanuel Moyen'; Louis Ferguson; Annie Chiasson; michel@mfu-upm.com
Cc: Lonnie McNeill; Massiera, Josiane; LeBlanc, Carole L
Subject: Rencontre - étude de faisabilité pour la surveillance des prises dans la pêche du homard

Bonjour,

Ce courriel est pour confirmer la rencontre entre Lansdowne Technologies Inc. (Lonnie McNeill), le MPO et l'UPM qui aura lieu le mercredi (23 mai) à 13h au bureau du MPO à Tracadie.

Bonne fin de semaine.

Sandra Comeau

*A/Area Manager, Resource Management / Gestionnaire de secteur, Gestion de la ressource p.i.
Fisheries and Oceans Canada / Pêches et Océans Canada
Telephone / Téléphone 506-395-7765*

Massiera, Josiane

From: Moore, Benjamin
Sent: May-22-18 10:21 AM
To: Massiera, Josiane
Subject: RE: Meeting tonight

Ok thanks. I read through it and I don't remember having anything to add at this time.

From: Massiera, Josiane
Sent: May-22-18 10:17 AM
To: Moore, Benjamin
Subject: RE: Meeting tonight

Yes, we are looking for their input on options. I will try to send the comments from the report to the group today. Please send along any comments you might have.
Josiane

From: Moore, Benjamin
Sent: May-22-18 10:15 AM
To: Massiera, Josiane
Subject: RE: Meeting tonight

Yes I think we should be fine. There is not a whole lot to say and to get the PEIFA to weigh in on any ideas they may have or questions

From: Massiera, Josiane
Sent: May-22-18 10:04 AM
To: Moore, Benjamin
Subject: RE: Meeting tonight

No I am leaving for Pictou. Are you ok to participate on your own? I could dial-in if there is a speaker phone available.
Josiane

From: Moore, Benjamin
Sent: May-22-18 8:52 AM
To: Massiera, Josiane
Subject: Meeting tonight

Hi Josiane,

Will you be attending the Lobster Catch Monitoring meeting this evening in PEI with the PEIFA?

Thanks,
Ben

Ben Moore
A/Chief Resource Management
PEI Area Office | Bureau de secteur de L'Î.-P.-E.
Gulf Region | Région de Golfe
Fisheries and Oceans Canada | Pêches et Océans Canada

s.16(2)(c)

Office – (902)-370-7094

Cell - (902) [REDACTED]

Fax – (902) 566-7848

Massiera, Josiane

From: Moore, Benjamin
Sent: May-31-18 8:39 AM
To: Massiera, Josiane
Subject: RE: Final Report

I think just put in the part that I highlighted. That way there will not be any confusion. I think if we try to explain the rest of it people could be easily confused.

From: Massiera, Josiane
Sent: May-30-18 3:42 PM
To: Moore, Benjamin
Subject: RE: Final Report

Does that makes sense? Too much details?

*Put a note in the Trips Summer/Fall Column for SeaCow Pond and Tignish Run

Note: Prior to 2017, SeaCow Pond and Tignish Run data was included with Skinners Pond data. Transporting permit (prior to 2016) and corridor (starting in 2016) was used to transport landings from LFA 25 (summer/fall fishery) to Seacow Pond and Tignish Run located in LFA 24 (closed during summer/fall fishery).

From: Moore, Benjamin
Sent: May-30-18 2:06 PM
To: Massiera, Josiane
Subject: RE: Final Report

I think at this point we just put a note in the table so people are aware. What do you think?

From: Massiera, Josiane
Sent: May-30-18 2:05 PM
To: Moore, Benjamin
Subject: RE: Final Report

So that means we can't simply switch the landings. Do you think it's worth going through each of the fisher's slips or should we just put a note below the table saying that landings in those two ports have been included in Skinner's Pond in 2016.

From: Moore, Benjamin
Sent: May-30-18 1:55 PM
To: Massiera, Josiane
Subject: RE: Final Report

I wouldn't be confident in saying they would land everything in those ports. I know sometimes if the wind comes up, some of the fishers from Seacow Pond will land their catch in Skinners Pond and leave their vessel at that port for the night.

From: Massiera, Josiane
Sent: May-30-18 1:51 PM
To: Moore, Benjamin
Subject: RE: Final Report

I talked with Gaëlle. If you can provide her the names of the fishers that would of landed in Seacow Pond and Tignish, Gaëlle will be able to switch their landings from LFA 24 to LFA 25.

Is there a way to know that? Could we use the list of applications for the transit/transport permit that was issued in 2015 (attached)?

Are we confident that they would of land all of their catch in those ports?

Josiane

From: Lemay, Gaëlle
Sent: May-30-18 12:56 PM
To: Massiera, Josiane
Cc: Moore, Benjamin
Subject: RE: Final Report

Hi Josiane,

We had previous instructions not to record landings from LFA 25 at those ports in the past. I was just informed of the corridor in 2017 so we left landings in Seacow Pond and Tignish last year. However, Lonnie is using the 2016 data as the 2017 data was not ready when we started the discussions.

Hope this helps. If we want the data to reflect the change, you could provide him with a comment he could include in the report.

Gaëlle

From: Massiera, Josiane
Sent: May-30-18 11:50 AM
To: Lemay, Gaëlle
Cc: Moore, Benjamin
Subject: FW: Final Report

There was a corridor open in the Fall (LFA 25) for fishers to land in Seacow Pond and Tignish (which is in LFA 24), so there should be reported landings for those two ports.

Can you check?

Josiane

From: Moore, Benjamin
Sent: May-30-18 11:42 AM
To: Massiera, Josiane
Subject: RE: Final Report

It doesn't have anything listed about fall trips for Tignish Run or Seacow Pond

From: Massiera, Josiane
Sent: May-30-18 11:35 AM
To: Mallet, Pierre; LeBlanc, Carole L; Lemay, Gaëlle; Lapierre, Daniel; MacLachlan, Mark; Comeau, Sandra J; Dwyer, Alan;

Moore, Benjamin; Rondeau, Amélie

Subject: FW: Final Report

Please see email from Lonnie below. Final chance to comment for those who haven't done so or for those who would like to make additional comments.

Merci,

Josiane

From: Lonnie McNeill [mailto:]

Sent: May-30-18 9:10 AM

To: Massiera, Josiane

Cc: Peter Johnston

Subject: Final Report

Hi Josiane:

I have attached subject report for your review. I accepted the changes recommended by the project team, ceased "track changes" on the document and highlighted in yellow the new additions/changes. I adjusted the tables as recommended by you and Gaëlle, I added a short piece on discussions with the associations, a section for best practices, and the sixth option. I also worked to incorporate some of the comments by the project team into the document.

As discussed earlier, there are no issues if additional time is desired to consider these changes and the overall document. We could finalize the document early next week at your convenience.

Merci bien,

Lonnie

Lonnie McNeill

Associate

Lansdowne Technologies Inc.

(Cell)

Massiera, Josiane

From: Massiera, Josiane
Sent: May-31-18 9:13 AM
To: Lonnie McNeill
Cc: Moore, Benjamin
Subject: RE: Final Report

Hi Lonnie,

We will need to add an end of table note to Table 5 in the Summer/Fall column for Tignish Run and Seacow Pond Summer/Fall.

Note: Prior to 2017, SeaCow Pond and Tignish Run data was included with Skinners Pond data.

There was a corridor put in place as of 2016 so they could land their catches there, but Stats was not made aware. They were following instructions that there could be no landings in LFA 24 (Seacow Pond/Tignish) during the summer/fall fishery.

Josiane

From: Moore, Benjamin
Sent: May-30-18 2:06 PM
To: Massiera, Josiane
Subject: RE: Final Report

I think at this point we just put a note in the table so people are aware. What do you think?

From: Massiera, Josiane
Sent: May-30-18 2:05 PM
To: Moore, Benjamin
Subject: RE: Final Report

So that means we can't simply switch the landings. Do you think it's worth going through each of the fisher's slips or should we just put a note below the table saying that landings in those two ports have been included in Skinner's Pond in 2016.

From: Moore, Benjamin
Sent: May-30-18 1:55 PM
To: Massiera, Josiane
Subject: RE: Final Report

I wouldn't be confident in saying they would land everything in those ports. I know sometimes if the wind comes up, some of the fishers from Seacow Pond will land their catch in Skinners Pond and leave their vessel at that port for the night.

From: Massiera, Josiane
Sent: May-30-18 1:51 PM
To: Moore, Benjamin
Subject: RE: Final Report

I talked with Gaëlle. If you can provide her the names of the fishers that would of landed in Seacow Pond and Tignish, Gaëlle will be able to switch their landings from LFA 24 to LFA 25.

Is there a way to know that? Could we use the list of applications for the transit/transport permit that was issued in 2015 (attached)?

Are we confident that they would of land all of their catch in those ports?

Josiane

From: Lemay, Gaëlle
Sent: May-30-18 12:56 PM
To: Massiera, Josiane
Cc: Moore, Benjamin
Subject: RE: Final Report

Hi Josiane,

We had previous instructions not to record landings from LFA 25 at those ports in the past. I was just informed of the corridor in 2017 so we left landings in Seacow Pond and Tignish last year. However, Lonnie is using the 2016 data as the 2017 data was not ready when we started the discussions.

Hope this helps. If we want the data to reflect the change, you could provide him with a comment he could include in the report.

Gaëlle

From: Massiera, Josiane
Sent: May-30-18 11:50 AM
To: Lemay, Gaëlle
Cc: Moore, Benjamin
Subject: FW: Final Report

There was a corridor open in the Fall (LFA 25) for fishers to land in Seacow Pond and Tignish (which is in LFA 24), so there should be reported landings for those two ports.

Can you check?

Josiane

From: Moore, Benjamin
Sent: May-30-18 11:42 AM
To: Massiera, Josiane
Subject: RE: Final Report

It doesn't have anything listed about fall trips for Tignish Run or Seacow Pond

From: Massiera, Josiane
Sent: May-30-18 11:35 AM
To: Mallet, Pierre; LeBlanc, Carole L; Lemay, Gaëlle; Lapierre, Daniel; MacLachlan, Mark; Comeau, Sandra J; Dwyer, Alan; Moore, Benjamin; Rondeau, Amélie
Subject: FW: Final Report

Please see email from Lonnie below. Final chance to comment for those who haven't done so or for those who would like to make additional comments.

Merci,
Josiane

s.19(1)

Massiera, Josiane

From: Lonnie McNeill [REDACTED]
Sent: June-07-18 8:05 AM
To: Mallet, Pierre
Cc: Massiera, Josiane; Peter Johnston
Subject: Hails

Hi Pierre:

I've been thinking about our conversation regarding hails and tracking the percentage of coverage if there are no hail-ins. Given the fact that the fishery is two months, and the likely number of days fished will be around 50, if the DMCs keep track of how many times they have monitored each boat, they should be able to assess where they stand percentage wise. By having this number and verifying the log book (or reviewing ELOG data), I think they would have a good indication of how close they are to the required monitoring percentage. I'll give you a call later today to discuss.

Thanks,
Lonnie

Lonnie McNeill
Associate
Lansdowne Technologies Inc.
[REDACTED] (Cell)

Massiera, Josiane

From: Massiera, Josiane
Sent: September-06-18 9:07 AM
To: Belliveau, Ron
Subject: RE: Lobster Study
Attachments: Lobster Feasibility Study - Final Report .pdf; Final Deck-Lobster Feasibility Study.pdf

Voilà le rapport final et une présentation sommaire.
Josiane

From: Belliveau, Ron
Sent: September-05-18 5:27 PM
To: Massiera, Josiane
Subject: FW: Lobster Studay

As-tu rapport du lobster study? J'ai pas l'intention de le donner a personne?

Ron B

Chief, Enforcement & Operations, Conservation and Protection
Fisheries and Oceans – Gulf Region/Government of Canada
[Ron.Belliveau @dfo-mpo.gc.ca](mailto:Ron.Belliveau@dfo-mpo.gc.ca)/Tel: 506-851-3872/Cel: 506- [REDACTED]

s.16(2)(c)

Chef d'Opérations d'application des Règlements, Conservation et protection
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada
[Ron.Belliveau @dfo-mpo.gc.ca](mailto:Ron.Belliveau@dfo-mpo.gc.ca)/Tél. : 506-851-3872/Tél. cell. : 506- [REDACTED]

From: Ricky Doyle [<mailto:rickydoyle@seatracker.ca>]
Sent: July-22-18 1:31 PM
To: Belliveau, Ron
Subject: Lobster Studay

Hey Ron,

Earlier in the spring we had Lonnie McNeill come visit us on the feasibility of lobster monitoring. Has that report been completed yet? Will we get to see it?

Thanks,

Ricky Doyle
Sea Tracker Dockside Monitoring
902-882-2625 (office)
902-214-0017 (cell)
www.seatracker.ca

Lansdowne

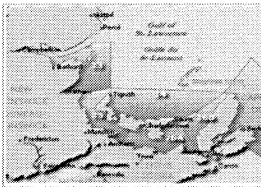
Lobster Catch Monitoring Feasibility Study

Lonnie McNeill, Senior Consultant

Lansdowne

Project Scope

Gulf Region Lobster Fishery
– LFA 23/LFA 24/LFA 25/LFA 26A/LFA 26B



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Dockside Monitoring Companies (DMCs)

- Cheticamp Monitoring, Cheticamp NS
- Atlantic Catch Data, Pictou NS
- Island Weigh 95 Inc., Tignish PEI
- Sea Tracker Dockside Monitoring, Tignish PEI
- Pèse-Pêche Inc., Shippagan NB
- Seefish Dockside Monitors, Fairhaven NB

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Principal Objective

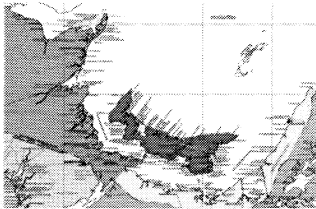
The principal objective of the project is:

to develop a Feasibility Study and Provide An Implementation Plan for Catch Monitoring in the Gulf Region Lobster Fishery to:

- Improve the Quality and Reliability of Landing Data
- Enhance the Lobster Stock Science Assessment
- Enhance DFO's Ability to Make Informed Fisheries Management Decisions for a Sustainable Fishery

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Project Scope – 125 Ports



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Approach/Conduct of Study

- Phase I: Read-In/Gathering of Information 20 Feb – 11 Mar
- Phase II: On-Site Visits 12-28 Mar
- Phase III: Analysis/Option Development 29 Mar – 26 Apr
- Phase IV: Reporting 27 Apr – 31 May

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Tasks as outlined in DFO RFP

- Task 2.1.1 - Present Facts on Gulf Region Lobster Fishery
- Task 2.1.2 - Review DMP and Identify Gaps
- Task 2.1.3 - Develop Catch Monitoring Implementation Plan
- Task 2.1.4 - Provide Recommendation of Staff Requirements
- Task 2.1.5 - Provide Cost Analysis

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Fishers

- Prince Edward Island – PEI Fishermen's Association (PEIFA)
- New Brunswick – Maritimes Fishermen's Union/Union des pêcheurs des Maritimes (MFU/UPM)
- Nova Scotia:
 - Gulf Nova Scotia Bonafide Fishermen's Association
 - North of Smokey Fishermen's Association
 - Northumberland Fishermen's Association
 - Gulf Nova Scotia Fishermen's Coalition
 - Inverness South Fishermen's Association
 - Maritime Fishermen's Union (Local 4)

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Lobster Licenses and Trips – Gulf Region

Year	# of Licences	# of Trips
2003	3,273	126,964
2004	3,330	125,722
2005	3,301	126,188
2006	3,253	128,355
2007	3,262	130,950
2008	3,297	124,110
2009	3,232	124,414
2010	3,206	117,564
2011	3,056	116,356
2012	3,011	119,844
2013	3,136	110,965
2014	3,046	120,275
2015	3,057	116,710
2016	2,963	119,955

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Lobster Licenses and Trips – By Area

Year	Licenses PEI	Trips PEI	Licenses ENB	Trips ENB	Licenses GNS	Trips GNS
2003	1,328	63,587	1,337	37,299	819	29,081
2004	1,349	63,029	1,337	37,037	844	25,059
2005	1,347	62,289	1,293	37,274	891	29,625
2006	1,339	62,615	1,270	39,171	844	29,599
2007	1,374	62,869	1,248	41,115	840	29,958
2008	1,381	60,719	1,293	38,197	853	25,194
2009	1,366	57,667	1,220	42,403	827	24,344
2010	1,321	55,949	1,242	39,303	843	22,312
2011	1,281	54,898	1,178	37,396	899	24,072
2012	1,301	58,515	1,112	35,944	898	25,385
2013	1,331	54,123	1,169	34,182	836	22,660
2014	1,320	58,632	1,128	37,757	898	23,886
2015	1,337	56,091	1,133	37,429	587	23,190
2016	1,274	59,176	1,105	35,899	584	24,880

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Dockside Monitoring Program – Gaps

- Using number of buying stations as an approximate guide to determine number of observers needed for 100% monitoring:
 - Prince Edward Island - 91 spring/22 summer/fall
 - New Brunswick - 62 spring/44 summer/fall
 - Nova Scotia - 78 spring/4 summer/fall
- Total – 231 spring/70 summer/fall**

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Option 1 - Full 100% Monitoring

- Advantages**
 - Supports recognition of requirement for catch monitoring by DMCs and DFO
 - There are no discrepancies in information - fishers/buyers throughout the region are operating under the same conditions
 - Increased employment opportunities in each province
 - Help identify trends, challenges and problems quickly
 - Potential to reach desired end state of sustainable lobster fishery more quickly
- Disadvantages**
 - Risk that DMCs do not have time to develop new business model, potentially overwhelming DMCs in hiring/training/deploying sufficient observers to handle the increased workload
 - No backup if the DMCs fall short in recruitment
 - Greater potential for delays offloading the catch, thereby causing dissatisfaction among buyers/fishers

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2016 Facts

AREA	PEI	ENB	GNS	TOTAL
# of LICENSES	1,274	1,105	584	2,963
# of TRIPS	66,176	35,899	24,880	119,955
# of WHARVES	64	54	49	167
AVG # TRIPS PER WHARF	925	665	508	718

LFA	23	24	25	26A	26B	TOTAL
# of LICENSES	679	653	647	730	218	2,963
# of TRIPS	21,869	31,043	25,173	32,424	9,446	119,955
# of WHARVES	31	29	39	62	18	167
AVG # TRIPS PER WHARF	705	1,070	645	624	525	718

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Current Lobster Log Book

Missing Key Information

- Weigh-Out Data
 - Date sold
 - Buyer
 - Actual Weight
 - Price
- Precise Fishing Location
- Dockside Observer Signature & Confirmation Number

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Option 2 - Partial Monitoring (Commencing at 10%)

- Advantages**
 - DMCs can develop new business model
 - DMCs don't need to hire/train/deploy as many observers at once
 - Ease toward achieving desired end state
 - Greater flexibility to move observers around to get the required coverage
 - Decreases the risk of failure
 - Decreases the likelihood of having delays in offloading and causing dissatisfaction among buyers/fishers
- Disadvantages**
 - Higher likelihood of having missing/inaccurate catch data until full implementation is realized
 - Incomplete information on catches could potentially impact analysis

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Facts

- PEI accounts for 43% of licenses and 49.3% of trips
- ENB accounts for 37.3% of licenses and 29.9% of trips
- GNS accounts for 19.7% of licenses and 20.8% of trips
- 48 busiest ports see over 76% of total trips in the Gulf Region

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Options for Catch Monitoring in 2019

- Full 100% Monitoring
- Partial Monitoring (Commencing at 5%)
- Data Entry Only
- Pilot Project in one LFA or Sub-Area
- Delay Monitoring Until 2020
- Use of ELOG with Random Checks by Compliance Officers

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Option 3 - Data Entry Only

- Advantages**
 - Provides greater lead time for DMCs to prepare for full catch monitoring
 - DMCs/fishers/buyers can establish a working relationship in dealing with the log entries
 - DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year
 - Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations
- Disadvantages**
 - No verification of what is being caught for first year
 - Could adversely affect current arrangements in Statistics for part time data entry staff
 - Greater likelihood of having missing/inaccurate catch data

Option 4 - Pilot Project in one LFA or Sub-Area

- Advantages**
 - Allows testing of implementation plan on a smaller scale to provide lessons learned for smoother transition/implementation in the rest of the region
 - Reduced cost
 - Allow DFO resources to focus on one area
- Disadvantages**
 - May not be well received in the area selected for the trial
 - Will be challenging for DMCs in selected area
 - Delays overall implementation
 - Would require a different log book, as a result, two different logs could be in use in the Gulf Region if the other areas do not use new log book

Factors and Weighting

To determine the overall score for each option the sum of the score for each Factor was calculated as follows:

$$\text{Option Score} = (\text{Factor 1} \times \text{Weight Factor 1}) + (\text{Factor 2} \times \text{Weight Factor 2}) + (\text{Factor 3} \times \text{Weight Factor 3}) + (\text{Factor 4} - \text{Yes} = 5, \text{No} = 0)$$

Factor 1 – Time
Factor 2 – Cost
Factor 3 – Resources
Factor 4 – Presence

Factor Values for each Option

Factor	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
TIME	1 Year	5 Years	5 Years	4 Years	5 Years	5 Years
COST TO DFO	\$7,200,000	\$1,980,000	\$1,140,000	\$1,340,000	\$840,000	\$1,980,000
RESOURCES	100%	10%	0	100%*	100%	10%
PRESENCE	Yes	Yes	No	Yes	Yes	Yes

Option 5 - Delay Monitoring Until 2020

- Advantages**
 - Provides greater lead time for DMCs to prepare for full catch monitoring
 - DMCs/fishers/buyers can establish a working relationship in dealing with the log entries
 - DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year
 - Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations
- Disadvantages**
 - No verification of what is being caught for first year
 - Continued likelihood of having missing/inaccurate catch data

Factors 1 (Time) and 2 (Cost)

Factor 1 (TIME) - Time to achieve 100% monitoring. The desired end state is 100% monitoring, but it is not considered essential that this goal be achieved immediately. Weight Factor 1.

- 1 year = 5
- 2 years = 4
- 3 years = 3
- 4 years = 2
- 5 years = 1

Factor 2 (COST) - Cost to DFO during the first two years (2019-2020) assuming DFO assumes all costs during the first year and costs are shared between DFO and industry in the second year. Weight Factor 3.

- Under \$1,000,000 = 5
- \$1,000,000 - \$2,000,000 = 4
- \$2,000,000 - \$3,000,000 = 3
- \$3,000,000 - \$4,000,000 = 2
- Greater than \$4,000,000 = 1

Overall Score for each Option

Factor	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
TIME	5 X 1 = 5	1 X 1 = 1	1 X 1 = 1	2 X 1 = 2	1 X 1 = 1	1 X 1 = 1
COST TO DFO	1 X 3 = 3	4 X 3 = 12	4 X 3 = 12	4 X 3 = 12	5 X 3 = 15	4 X 3 = 12
RESOURCES	1 X 3 = 3	5 X 3 = 15	5 X 3 = 15	1 X 3 = 3	5 X 3 = 15	5 X 3 = 15
PRESENCE	5	5	0	5	0	5
TOTAL SCORE	16	33	28	22	31	33

Option 6 - Use of ELOG with random checks by Compliance Officers

- Advantages**
 - ELOG, once configured to capture required fishery information and fully implemented, will provide required data in real time
 - Does not affect efficiency of offloading
 - Takes away requirement for paper log book
- Disadvantages**
 - Except for the random checks, does not provide independent third-party verification
 - Potential increased costs to expedite implementation of ELOG
 - There may be delays as DFO information systems are adapted for ELOG

Factors 3 (Resources) and 4 (Presence)

Factor 3 (RESOURCES) - Resources (observers) required in first year. Weight Factor 3.

- Less than 10% = 5
- 10% - 25% = 4
- 25% - 50% = 3
- 50% - 75% = 2
- Greater than 75% = 1

Factor 4 (PRESENCE) - It is considered important to have some monitoring activity. If this is the case in the first year a score of 5 is granted. If there is no monitoring activity in the first year, the score is 0.

Provide Recommendation of Staffing Requirements

- DMCs
- DFO
 - Regional Headquarters
 - DFO Area Offices

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DMC Staffing Requirements

- Dockside Observers
 - 210-250 for the spring season
 - 60-80 for the summer/fall season
- Data Entry
 - Approximately 10
 - One or two people per DMC

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Estimated Costs

Year	Data Entry	Monitoring	Total Program Cost
2019	\$570,000	10% - \$420,000 - \$540,000	\$990,000 - \$1,080,000
2020	\$540,000	25% - \$1,050,000 - \$1,350,000	\$1,500,000 - \$1,800,000
2021	\$450,000	50% - \$2,100,000 - \$2,700,000	\$2,400,000 - \$3,000,000
2022	\$150,000	75% - \$3,150,000 - \$4,050,000	\$3,300,000 - \$4,200,000
2023		100% - \$3,600,000 - \$4,800,000	\$3,600,000 - \$4,800,000

Cost per trip estimated at \$30-\$40

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(613) 236-3333
www.lansdowne.com

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DFO Staffing Requirements

- DFO Regional Headquarters
 - Statistics Division
- DFO Area Offices
 - Conservation and Protection

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DFO/INDUSTRY PAYMENTS

Year	Total Program Cost	DFO Share	Industry Share
2019	\$990,000 - \$1,080,000	\$990,000 - \$1,080,000	
2020	\$1,500,000 - \$1,800,000	\$750,000 - \$900,000	\$750,000 - \$900,000
2021	\$2,400,000 - \$3,000,000		\$2,400,000 - \$3,000,000
2022	\$3,300,000 - \$4,200,000		\$3,300,000 - \$4,200,000
2023	\$3,600,000 - \$4,800,000		\$3,600,000 - \$4,800,000

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DFO Cost Estimates for 2001 Pilot Project

Lobster Fishing Area	23	24	25	26A	26B
Number of Fishers	722	614	793	749	251
Number of Trips*	37,084	31,556	30,295	30,071	11,790
Avg # of Landings per Season	54	50	36	48	40
Cost for Weight Verification	\$540.00	\$500.00	\$360.00	\$480.00	\$400.00
Cost for Fisher for Data Entry	\$18.00	\$17.00	\$15.00	\$16.00	\$17.00
Total Cost per Fisher	\$558.00	\$517.00	\$375.00	\$496.00	\$517.00
Cost to Buyer per Fisher	\$540.00	\$500.00	\$360.00	\$480.00	\$400.00
Total Cost - Fishers and Buyers	\$1,098.00	\$1,017.00	\$735.00	\$976.00	\$907.00
Total Cost	\$702,756.00	\$624,438.00	\$582,855.00	\$731,024.00	\$250,247.00

* Based on 2001 Data

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Summary

- Catch monitoring in the Gulf Region lobster fishery is feasible
- Range of options available
- Recruiting, training, retaining dockside observers for 100% monitoring and requirement for DMCs to adapt/revise business processes accordingly is biggest challenge – phased approach provides greater chance for success
- Use of technology important
- Continued engagement with all stakeholders is key

Lobster Catch Monitoring Feasibility Study

FINAL REPORT

31 May 2018

Report submitted to:
Fisheries and Oceans Canada

Report submitted by:
Lansdowne Technologies Inc.

Lobster Feasibility Study Report

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Executive Summary

This report describes the work and findings from the lobster study consultant from Lansdowne Technologies Inc. (LTI) in conducting a feasibility study to develop an implementation plan for reliable, timely and accessible fisheries information and catch monitoring in the Gulf Region Lobster Fishery, in accordance with Contract F52111-170559 (20 February 2018) for Fisheries and Oceans Canada (DFO).

The Statement of Work in the Contract identified five principal tasks to be completed. These tasks were:

- Present facts on the Gulf Region lobster fishing industry;
- Review the current Dockside Monitoring Program (DMP) and identify the gaps to proceed with lobster catch monitoring;
- Develop an implementation plan that will ensure that the lobster Catch Monitoring data system includes data that will be entered in the DFO informatics system: Gulf Fishery Information System (GFIS);
- Provide recommendation of staffing requirements; and
- Provide a cost analysis.

The specific components of these five tasks are addressed in the corresponding sections of this report. At the outset, the objective was to gain an understanding of the current situation in the Gulf Region lobster fishery and with the Gulf Region DMP. From this starting point, options were developed to address the broad objective of providing an implementation plan for catch monitoring in the Gulf Region lobster fishery.

It is considered that the key factor in achieving successful implementation of catch monitoring in the Gulf Region lobster fishery is recruiting, training and retaining a sufficient number of dockside observers that will be able to monitor the landings without impeding the efficient offloading of catch. This will also entail Dockside Monitoring Companies (DMCs) undergoing major revision of their business processes and DFO providing clear guidance to the DMCs. There are six options that have been developed and are presented in the Options Analysis section of this report.

Subject to availability of funds, it is recommended that DFO contribute financial resources during the early stages of the implementation. This approach will facilitate transition from a current no-cost arrangement for the fishers to monitoring paid for by industry. Additionally, all stakeholders could be made aware of the possibility to receive support from the Atlantic Fisheries Fund for innovations that could help increase productivity, quality and sustainability in the fish and seafood sector.

A modest presence with 10% monitoring in the first year is considered achievable and feasible. Achieving 100% monitoring will be a challenge for the DMCs, particularly because of the significant increased demand for dockside observers and the large number of ports in the Gulf Region. This may require flexibility and innovation regarding their business models and oversight by DFO as the companies transition to an increase in monitoring responsibilities. A phased approach that allows for a measured increase in monitoring each year would increase the probability of a successful implementation.

Background

As outlined in the UN publication *The State of World Fisheries and Aquaculture*, in September 2015, the UN's 193 Member States adopted the 2030 Agenda for Sustainable Development. The 2030 Agenda comprises 17 Sustainable Development Goals (SDGs) as a framework to guide development actions of governments, international agencies, civil society and other institutions over the next 15 years. Several targets for SDG 14 ("Conserve and sustainably use the oceans, seas and marine resources for sustainable development") are explicitly fisheries-related. The fisheries related targets call for actions to: effectively regulate harvesting; end overfishing and illegal, unreported and unregulated (IUU) fishing and destructive fishing practices; address fisheries subsidies; increase economic benefits from sustainable management of fisheries and aquaculture; and provide access for small-scale artisanal fishers to marine resources and markets.

With an estimated annual landed value approaching \$324 million and over 7,100 people involved annually in harvesting, the lobster fishery is the mainstay of the fishing industry in the Gulf Region. The number of licence holders varies depending on the Lobster Fishing Area (LFA). There are around 669 licence holders in LFA 23, 635 in LFA 24, 711 in LFA 25, 686 in LFA 26A, 109 in LFA 26B North and 119 in LFA 26B South. To ensure sustainability of this valuable industry and meet our commitments the international sustainable fisheries, the objective of this work is to develop a feasibility study and provide an implementation plan. This study includes various options and costs for catch monitoring in the Gulf Region lobster fishery (LFAs 23, 24, 25, 26A and 26B) to improve the quality and reliability of landing data to support the lobster stock science assessment and DFO's ability to make informed fisheries management decisions for a sustainable fishery.

The current Dockside Monitoring Program (DMP) provides accurate, timely, third party verification of fish landings in the Gulf Region for certain species (snow crab, rock crab, groundfish, tuna, shrimp, and herring). It is the primary source of landing information on which Fisheries and Oceans Canada bases fisheries management decisions. The landing data from the DMP companies is entered directly in the DFO informatics system – the GFIS. The fishing industry and the Department are dependent on the accurate verification of landings by dockside monitoring companies (DMCs). The DMP is an extremely valuable management tool used by the Department to monitor the fisheries within its scope. However, there is no mandatory dockside monitoring in the lobster fishery.

Currently, landing data for the lobster industry is collected through purchase slips and logbooks which are lengthy processes to enter data both for the fishers and DFO. In some cases, these logbooks are incomplete and unreliable. Fishery monitoring and catch reporting in the lobster fishery has been a long-standing issue, but reliable, timely and accessible fisheries information is the foundation of sustainable management and is gaining in importance:

- The Atlantic Lobster Sustainability Measures Program (ALSM), a \$50 million funding program that ended March 31, 2014, supported industry efforts to improve economic prosperity and long-term sustainability in all LFAs includes the objective of improving catch monitoring and fishing effort reporting;
- Obtaining reliable and timely data from this fishery has been identified as a policy objective for the Department, including for the Precautionary Approach;

- Fishery monitoring and catch reporting is consistent with Marine Stewardship Council's requirements;
- Improving fishery monitoring and catch reporting is in line with the Gulf Region's current vision for the lobster fishery; and
- In 2016, the Office of the Auditor General of Canada under the authority of the Auditor General Act conducted a performance audit and published the results in a report entitled: *Sustaining Canada's Major Fish Stocks—Fisheries and Oceans Canada* - Reports of the Commissioner of the Environment and Sustainable Development, Report 2, Fall 2016 (Office of the Auditor General 2016). The audit found that DFO was missing key information needed to manage Canada's fish stocks sustainability. As a result, DFO committed to emphasize its efforts on identified deficiencies in fishery monitoring and catch reporting for key stocks and to look at ways to make reliable and timely data available for fisheries management.

The DMP in place for other species provides information that is key to enabling sound fisheries management decisions. Given the importance of the lobster fishery to this Region and Canada as a whole, a similar program is investigated in this study to provide transparency and access to the same kind of landing data as other fisheries.

Project Scope

The goal of this study was to investigate the feasibility of fishery monitoring and catch reporting monitoring and to recommend an implementation plan that would improve the quality and reliability of landing data to enhance the lobster stock science assessment and DFO's ability to make informed fisheries management decisions for a sustainable lobster fishery in the Gulf Region.

The Lobster Feasibility Study covered the Gulf Region Lobster Fishery which includes the following LFAs: LFA 23, LFA 24, LFA 25, LFA 26A and LFA 26B.

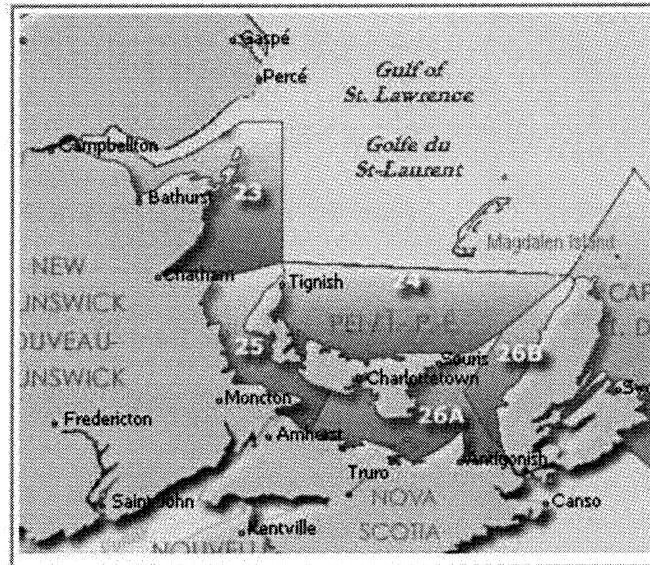


Figure 1 – Map of Gulf Region Lobster Fishing Areas

In the Gulf Region, the Regional Headquarters (RHQ) is located in Moncton, New Brunswick (NB) and the three administrative Area Offices for Eastern NB, Prince Edward Island (PEI) and Gulf Nova Scotia (GNS) are in Tracadie NB, Charlottetown PEI and Antigonish NS. For the purposes of this study, NB refers to Eastern NB and NS refers to Gulf NS. The interests of the fishers are represented by the following provincial organizations:

- **New Brunswick** – Maritimes Fishermen's Union/Union des pêcheurs des Maritimes (MFU/UPM);
- **Prince Edward Island** – PEI Fishermen's Association (PEIFA); and
- **Nova Scotia:**
 - o Gulf Nova Scotia Bonafide Fishermen's Association;
 - o North of Smokey Fishermen's Association;
 - o Northumberland Fishermen's Association;
 - o Gulf Nova Scotia Fishermen's Coalition;
 - o Inverness South Fishermen's Association; and
 - o Maritime Fishermen's Union (Local 4).

Six DMCs currently provide services in the region:

- 1) Pèse-Pêche Inc. in Shippagan NB;

- 2) Seefish Dockside Monitors in Fairhaven NB;
- 3) Island Weigh 95 Inc. in Tignish PEI;
- 4) Sea Tracker Dockside Monitoring in Tignish PEI;
- 5) Atlantic Catch Data in Pictou NS; and
- 6) Cheticamp Monitoring Association in Cheticamp NS.

There are two lobster fishing seasons in the Gulf Region that both run for a two-month period. The Spring fishery takes place in LFAs 23/24/26A/26B South from April 30 to June 30. The season in one area of LFA 26A1 between Point Prim and Victoria in PEI and in LFA 26B North in Cape-Breton is from May 7 to and July 7. The Summer/Fall fishery in LFA 25 runs from August 9 until October 10.

Approach/Conduct of Study

This study was conducted using a phased approach to gain an understanding of the current situation in the Gulf Region lobster fishery while seeking recommendations and the perspective from key DFO personnel and the DMCs and to develop a potential implementation plan for fishery monitoring and catch reporting to be discussed with stakeholders. The four phases are described below.

Phase I: Read-In Gathering of Information (February 20 – March 11, 2018)

In this initial phase the lobster study consultant conducted a read-in of DFO documentation recommended by the Project Authority and external research to gain a deeper understanding of the Gulf Lobster Fishery. A priority during this phase was to establish a working relationship with key DFO members at the Regional and Area Offices, refine the project schedule to meet DFO requirements and develop a detailed visit itinerary in each area for Phase II. A Project startup meeting was held at RHQ in Moncton on February 27, 2018 with the project team. References reviewed by the lobster study consultant are attached at Annex A.

Phase II: On-Site Visits (March 12 – 28, 2018)

In this phase, the lobster study consultant conducted on site visits to the RHQ in Moncton, followed by visits to the three Area Offices in Tracadie, Antigonish and Charlottetown and with the DMCs in each area. The goal of the visit to RHQ was to understand the strategic perspective regarding this project and to learn about the DFO Informatics System regarding how catch landing data is received/processed for other species and the desired flow of similar data for lobster. The purpose of the visits to the Areas was to get the perspective of DFO staff and the DMC management in each area regarding concerns/challenges and to assess the capacity to meet the requirements of dockside monitoring for the lobster fishery. The fishermen's associations received a notice of the study in February and although not part of the original scope, it was decided by DFO to meet with them to seek the perspective of the fishers, understanding that there would be continued dialogue among all the stakeholders following completion of the study report and a final decision by DFO.

Phase III: Analysis and Option Development (March 29 – April 26, 2018)

In this phase, the lobster study consultant examined the information gathered in Phases I/II to fulfill the requirements of the assigned tasks and to identify possible options to improve the quality and reliability of landing data in the Gulf Region lobster fishery. Once the options were developed, a meeting/teleconference took place with the project team (RHQ and Area staff).

Phase IV: Reporting (April 27 – May 31, 2018)

Throughout the study, the lobster study consultant submitted bi-weekly written reports on the progress of the project to ensure tracking of activities and deliverables scheduled were met to allow early identification of any changes required by the Project Authority to meet the needs of DFO.

In this phase, the Lobster Study Consultant developed both draft and final reports. The draft report was provided to DFO for review and comment on May 1, 2018 and an updated final report was submitted on May 31, 2018.

Current Situation/Findings

Task 2.1.1 - Present Facts on Gulf Region Lobster Fishery

The goal of this task was to identify number of participants, active licence holders, wharves with lobster trips and trips per wharf. The bulk of this information was derived from spreadsheets provided by the Statistics Division at RHQ based on information provided from sales slips.

The number of licences and the number of trips from 2003 to 2016 were reviewed.

Table 1 - Licences * and Trips – Gulf Region

Year	# of Licences	# of Trips
2003	3,273	126,964
2004	3,330	125,722
2005	3,301	126,188
2006	3,253	128,355
2007	3,262	130,950
2008	3,297	124,110
2009	3,232	124,414
2010	3,206	117,564
2011	3,056	116,356
2012	3,011	119,844
2013	3,136	110,965
2014	3,046	120,275
2015	3,057	116,710
2016	2,963	119,955

* In a small number of cases, where a licence lands its catch in more than one port, that licence is counted twice.

From 2003 to 2016, there has been a decrease of 310 lobster licences, mainly due to rationalization programs. The number of reported trips saw a high of over 130,000 in 2007 and since 2010, the trend has generally been between 116,000 and 120,000. The trend indicates a steady but slow decline in both number of licences and number of trips. A review of this data by province is as shown below:

Table 2 - Gulf Region Licences and Trips – By Area

Year	# of Licences PEI	# of Trips PEI	# of Licences ENB	# of Trips ENB	# of Licences GNS	# of Trips GNS
2003	1,326	63,587	1,337	37,296	610	26,081
2004	1,349	63,629	1,337	37,037	644	25,056
2005	1,347	62,289	1,293	37,274	661	26,625
2006	1,339	62,615	1,270	39,171	644	26,569
2007	1,374	62,869	1,248	41,115	640	26,966
2008	1,381	60,719	1,263	38,197	653	25,194
2009	1,385	57,667	1,220	42,403	627	24,344
2010	1,321	55,949	1,242	39,303	643	22,312
2011	1,281	54,898	1,176	37,386	599	24,072
2012	1,301	58,515	1,112	35,944	598	25,385
2013	1,331	54,123	1,169	34,182	636	22,660
2014	1,320	58,632	1,128	37,757	598	23,886
2015	1,337	56,091	1,133	37,429	587	23,190
2016	1,274	59,176	1,105	35,899	584	24,880

The number of active licences in the Gulf Region for 2018 is 2960. For this study, 2016 data was used to gather the facts. A broad summary of the information for 2016 is as shown below for the provinces and each LFA:

Table 3 - Facts by Gulf Area

PROVINCE	PEI	ENB	GNS	TOTAL
# of LICENCES	1,274	1,105	584	2,963
# of TRIPS	59,176	35,899	24,880	119,955
# of WHARVES	64	54	49	167
AVG # TRIPS PER WHARF	925	665	508	718

Table 4 - Facts by LFA

LFA	23	24	25	26A	26B	TOTAL
# of LICENCES	679	683	647	736	218	2,963
# of TRIPS	21,869	31,043	25,173	32,424	9,446	119,955
# of WHARVES	31	29	39	52	18	167
AVG # TRIPS PER WHARF	705	1,070	645	624	525	718

While the number of licences, trips and wharves provide a good overview of the fishery, the average number of trips per wharf does not provide meaningful data as there are some ports that are very busy,

and others that are listed with no recorded trips in recent years. By removing the ports with no recent activity from the analysis, the total number of ports can be reduced from 167 to 125. A more detailed breakdown for each province is shown below.

Table 5 - Number of Trips per Wharf in Prince Edward Island

Wharf	Trips Spring	Trips Summer/Fall
NAUFRAGE	3,185	
NORTH LAKE	4,111	
RED HEAD	1,405	
SAVAGE HARBOUR	1,614	
SEACOW POND*	2,019	
TIGNISH RUN*	6,082	
NORTHPORT	3,857	
DARNLEY	129	
ELLERSLIE	50	
MALPEQUE	1,304	
LENNOX ISLAND	917	
MILLIGAN'S WHARF	1,135	
FRENCH RIVER	1,502	
NORTH RUSTICO	1,636	
STANLEY BRIDGE	75	
NEW LONDON	275	
COVEHEAD	638	
TRACADIE	1,109	
NINE MILE CREEK	462	
VICTORIA	43	
PINETTE	51	
WOOD ISLAND	577	
MACAULAYS WHARF	293	
BEACH POINT	2,894	
GEORGETOWN	1,469	
LAUNCHING	1,950	
LOWER MONTAGUE	163	
MONTAGUE	366	
NEWPORT	104	
STURGEON	356	
GRAHAM'S POND	2,162	
MACHON POINT	1,460	
MINK RIVER	247	
SOURIS	1,794	
ANNANDALE	1,855	
FORTUNE	1124	
HOWARD'S COVE		2,280
MIMINEGASH		1,925
SKINNER'S POND		3,567
WEST POINT		1,451
BORDEN		120
CAPE EGMONT		334

Wharf	Trips Spring	Trips Summer/Fall
EGMONT BAY		627
HIGGINS WHARF		459
TOTAL	48,413	10,763

*Prior to 2017, SeaCow Pond and Tignish Run data was included with Skinners Pond data. Table 6 – Number of Trips per Wharf in Eastern New Brunswick

Wharf	Trips Spring	Trips Summer/Fall
NEW MILLS	614	
POINTE-VERTE	291	
PETIT-ROCHER	155	
MILLER BROOK WHARF	236	
STONEHAVEN	1,229	
GRANDE-ANSE	18	
ANSE-BLEUE	294	
CARAQUET	151	
BAS CARAQUET	395	
SHIPPAGAN	156	
SAVOY LANDING	88	
LAMEQUE	58	
PETIT SHIPPAGAN	941	
MISCOU HARBOUR	2,730	
PIGEON HILL	1,382	
STE MARIE/ST.RAPHAEL	588	
INKERMAN	547	
LE GOULET	497	
TRACADIE	90	
VAL-COMEAU	2,286	
MCEACHERN'S POINT	1,761	
BAS-NEGUAC	347	
NEGUAC	1,849	
BURNT CHURCH	1,184	
BAIE STE ANNE	35	
ESCUMINAC	3,947	
POINTE-SAPIN		2,224
LOGGIECROFT		1,202
CAP ST. LOUIS		1,070
RICHIBUCTO		1,624
CAP LUMIERE		1,397
COTE STE. ANNE/CHOCKPISH		673
ST. EDOUARD		361
ST. THOMAS		233
COCAGNE BAR		486
CAISSIE'S CAPE		603
ROBICHAUD		272
LES ABOITEAUX		985
BAS CAP PELE		276

Wharf	Trips Spring	Trips Summer/Fall
BOUCTOUCHE		62
PETIT CAP		724
BOTSFORD		1,133
CAPE TORMENTINE		545
POINTE DU CHENE		160
TOTAL	24,093	11,806

Table 5 - Number of Trips per Wharf in Gulf Nova Scotia

Wharf	Trips Spring	Trips Summer/Fall
NORTHPORT		48
PUGWASH		332
BARRACHOIS	308	
CARIBOU/FERRY WHARF	2,050	
CAPE JOHN	555	
TONEY RIVER	1,109	
SKINNER'S COVE	464	
LOGAN'S POINT	777	
PICTOU ISLAND WEST	221	
BIG ISLAND	48	
LISMORE	1,426	
LITTLE HARBOUR	567	
PICTOU LANDING	777	
ARISAIG	1,139	
BALLANTYNE'S COVE	1,052	
BAYFIELD	764	
HAVRE BOUCHER	514	
LIVINGSTONE'S COVE	309	
TRACADIE	62	
BARRIOS BEACH	376	
CRIBBONS POINT	1,201	
PUGWASH	399	
MALAGASH	224	
WALLACE	712	
CHETICAMP	1,415	
GRAND ETANG	1,197	
MARGAREE HARBOUR	1,398	
PLEASANT BAY	755	
CREIGNISH	8	
FINLAY POINT	558	
INVERNESS	860	
LITTLE JUDIQUE HARBOUR	474	
LITTLE JUDIQUE PONDS	456	
MABOU HARBOUR	300	
MURPHY'S POND	1,156	
PORT HOOD	35	

Wharf	Trips Spring	Trips Summer/Fall
BAXTER'S COVE	533	
AULD'S COVE	301	
TOTAL	24,500	380

Discussion with Associations:

As noted in the Approach/Conduct section, the fishermen's associations received a notice of the study in February. To seek their early perspective, a teleconference with a small number of representatives of the NS Associations was conducted on 24 April and meetings took place with Prince Edward Island Fishermen's Association/Maritime Fishermen's Union on May 22/May 23 respectively. The associations expressed concerns regarding the challenges of implementing dockside monitoring without delaying their offload times and were not supportive of an initiative that would increase costs to the fishers. They also stressed the importance of implementing ELOG as quickly as possible to allow efficient, timely capture and transfer of information. The associations also stated that changes to current practices should involve all maritime regions, not only the Gulf Region.

Analysis:

The analysis reviews the number of licences and the number of trips by province. PEI (43 % of the licences/49.3 % of the trips), has the busiest lobster fishery, followed by NB (37.3 % of the licences/29.9 % of the trips) and NS (19.7 % of the licences/20.8 % of the trips).

Of the 125 ports, 48 ports (38 in the Spring lobster fishery and 10 in LFA 25 Summer/Fall lobster fishery) had over 1000 trips in 2016, with Tignish Run being the busiest port with over 6,000 trips. These 48 ports account for over 76% of the total number of trips in the lobster fishery.

The one piece of information not available in any data base is the number of participants, which is defined as licence holder plus number of helpers (crew). There are over 23,000 registered commercial fishers in the Gulf Region, but there is no information available that breaks down the fishery by each registered fisher. It is acknowledged that the number of helpers per lobster boat is usually one or two but can be more than two for larger boats or when there is a bigger workload for laying traps or banding during busy periods.

To get a reasonable estimate of the total number of participants the number of licences was multiplied by 2.5. Using this methodology, with 2960 active licences it is assessed that there are approximately 7400 participants in the Gulf Region lobster fishery.

Task 2.1.2 - Review the current Dockside Monitoring Program and identify the gaps to proceed with lobster catch monitoring

This goal of this task is to review the DMP to identify if the current DMPs have capacity to provide the service and to identify minimum number of fishers needed at each wharf. To determine the perspective of the DMCs, the Lobster Study Consultant conducted face-to-face or telephone discussions with representatives from each of the six companies operating in the Gulf Region as follows:

- NS - Cheticamp Monitoring: Telephone discussion with P. Desveaux on March 7, 2018;
- NB - Pèse-Pêche Inc.: Meeting with S. Chiasson on March 15, 2018;
- PEI - Island Weigh 95 Inc.: Meeting with T. Arsenault, B. Gaudet on March 19, 2018;
- PEI - Sea Tracker Dockside Monitoring: Meeting with R. Doyle on March 19, 2018;
- NB - Seefish Dockside Monitors: Meeting with M. Leeman, R. Maillet on March 20, 2018; and
- NS - Atlantic Catch Data Yarmouth Office: Meeting with A. Gaudet on March 22, 2018.
(Atlantic Catch Data provides monitoring services for the Gulf Region from its office in Pictou. The manager of the Pictou office was not available during the on-site visit period but has been consulted during the study.)

The representatives were supportive of implementing dockside monitoring for the Gulf Region lobster fishery while acknowledging that this initiative will likely be challenging. To summarize the perspective of the DMCs, the main points addressed were grouped into the following four subject areas;

1. People;
2. Data Entry and Logbook;
3. Costs and charges; and
4. Implementation.

1. People. DMCs identified the biggest challenge associated with an implementation of catch monitoring in the lobster fishery is the increased demand for people to conduct the dockside monitoring and to enter the data into the GFIS. DMCs have emphasized that the difficulty in finding, training, hiring and retaining observers has always been, and will continue to be, a reality for each of these companies, even before considering the implications of the workload associated with implementing catch monitoring in the lobster fishery. It was noted that most of the companies have a solid core of reliable observers who provide stability year after year. The typical core observer is often either retired or has another job that offers flexibility in working odd hours. It was also noted that the length of the season makes it difficult for university students who are seeking employment from May to August.

An additional observation was the amount of time required to receive the designation for a trained dockside observer. Dockside observer training is completed in one week. After monitoring five offloadings alongside an experienced and designated dockside observer, the candidate is qualified to assume duties. The granting of a temporary designation to an observer while the formal paperwork is being processed through the bureaucratic channels would help in putting the observers to work quickly and reduce the likelihood that they will have found another job once the final certification has been received by the DMC.

DMCs also identified the challenge in finding individuals who could fulfill the observer role without connections to the fishing industry and in a conflict of interest position. To mitigate this issue, an Interim Protocol on Mitigation of Conflicts of Interest in the At-Sea Observer and Dockside Monitoring Programs was approved by the National Director General of Conservation and Protection (C & P) in April 2017. This interim protocol provides clear direction regarding conflict of interest and mitigation procedures such as ensuring that an observer does not observe or monitor the offload of a vessel involving a family member or in a location where family operates a vessel. This approach will enable applicants to work as observers despite a connection to the fishing industry.

While there will be an increased demand for dockside observers staff, this demand was not quantified during the initial discussions. To quantify this requirement, the following factors were considered:

- the number of trips per port for the major ports (at least 300 arrivals in the season);
- an estimate of 15 minutes per weigh-out per boat. (DMC staff and DFO personnel have indicated that a maximum of 10 minutes to offload a boat is the norm); and
- the busy period for arrivals to offload catch is the five-hour period from 10 AM to 3 PM.

Assuming the boats will make approximately 35-50 trips per season, one can calculate the average number of arrivals/offloads per day in each port. With an estimate that an observer will monitor four offloads per hour, each observer could complete 20 offloads during the busy five-hour period. It is understood that the observers will likely be required for more than five hours, however, this calculation would allow for sufficient observers during this busy period. An assessment of the required number of dockside observers required for PEI, ENB and GNS is shown in the tables below based on an approximate average of 50 trips per boat for PEI, 35 trips per boat for NB and 45 trips per boat for NS.

Table 6 - PEI Observer Requirement – Spring Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
NAUFRAGE	3,185	64	3
NORTH LAKE	4,111	82	4
RED HEAD	1,405	28	1
SAVAGE HARBOUR	1,614	32	2
SEACOW POND	2,019	40	2
TIGNISH RUN	6,082	122	6
NORTHPORT	3,857	77	4
MALPEQUE	1,304	26	1
LENNOX ISLAND	917	18	1
MILLIGAN'S WHARF	1,135	23	1
FRENCH RIVER	1,502	30	2
NORTH RUSTICO	1,636	33	2
COVEHEAD	638	13	1
TRACADIE	1,109	22	1
NINE MILE CREEK	462	9	1
WOOD ISLAND	577	12	1

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
BEACH POINT	2,894	58	3
GEORGETOWN	1,469	29	1
LAUNCHING	1,950	39	2
MONTAGUE	366	7	1
STURGEON	356	7	1
GRAHAM'S POND	2,162	43	2
MACHON POINT	1,460	29	1
SOURIS	1,794	36	2
ANNANDALE	1,855	37	2
FORTUNE	1,124	22	1
			49

Table 7 - PEI Observer Requirement – LFA 25 Summer/Fall Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
HOWARD'S COVE	2,280	46	2
MIMINEGASH	1,925	39	2
SKINNER'S POND	3,567	71	4
WEST POINT	1,451	29	2
CAPE EGMONT	334	7	1
EGMONT BAY	627	13	1
HIGGINS WHARF	459	9	1
			12

Table 10 - ENB Observer Requirement – Spring Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
NEW MILLS	614	18	1
BAS CARAQUET	395	11	1
STONEHAVEN	1,229	35	2
PETIT SHIPPAGAN	941	27	2
MISCOU HARBOUR	2,730	78	4
PIGEON HILL	1,382	39	2
STE MARIE/ST RAPHAEL	588	17	1
INKERMAN	547	16	1
LE GOULET	497	14	1
VAL-COMEAU	2,286	65	3
BURNT CHURCH	1,184	34	2
BAS NEGUAC	347	10	1
NEGUAC	1,849	53	3
MCEACHERN'S POINT	1,761	50	3
ESCUMINAC	3,947	113	4
			31

Table 11 - ENB Observer Requirement – LFA 25 Summer/Fall Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
LOGGIECROFT	1,202	34	2
POINTE SAPIN	2,224	64	3
CAP ST LOUIS	1,070	31	2
CAP LUMIERE	1,397	40	2
RICHIBUCTO	1,624	46	2
CAISSIE'S CAPE	603	17	1
ST EDOUARD	361	10	1
COCAGNE BAR	486	14	1
COTE STE ANNE/CHOCKPISH	673	19	1
LES ABOITEAUX	985	28	2
CAPE TORMENTINE	545	16	1
PETIT CAP	724	21	1
BOTSFORD	1,133	32	2
			21

Table 12 - GNS Observer Requirement – Spring Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
BARRACHOIS	308	7	1
CARIBOU/FERRY WHARF	2,050	46	2
CAPE JOHN	555	12	1
TONEY RIVER	1,109	25	1
SKINNER'S COVE	464	10	1
LOGAN'S POINT	777	17	1
LISMORE	1,426	32	2
LITTLE HARBOUR	567	13	1
PICTOU LANDING	777	17	1
ARISAIG	1,139	25	1
BALLANTYNE'S COVE	1,052	23	1
BAYFIELD	764	22	1
HAVRE BOUCHER	514	11	1
LIVINGSTONE'S COVE	309	7	1
BARRIOS BEACH	376	8	1
CRIBBONS POINT	1,201	27	2
PUGWASH	399	9	1
WALLACE	712	16	1
CHETICAMP	1,415	31	2
GRAND ETANG	1,197	27	1
MARGAREE HARBOUR	1,398	31	2
PLEASANT BAY	755	17	1
FINLAY POINT	558	12	1
INVERNESS	860	19	1
LITTLE JUDIQUE HARBOUR	474	11	1
LITTLE JUDIQUE PONDS	456	10	1
MABOU HARBOUR	300	7	1
MURPHY'S POND	1,156	26	2
BAXTER'S COVE	533	12	1
AULD'S COVE	301	7	1
			36

Table 13 - GNS Observer Requirement – Summer/Fall Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
PUGWASH	332	7	1
			1

The resulting estimate of # of observer requirement is as follows:

- Spring Season (49 in PEI, 31 in NB, and 36 in NS); and
- Summer/Fall Season (12 in PEI, 21 in NB, and 1 in NS).

These figures are an estimate to provide monitoring services for the ports with over 300 landings in the season, with the acknowledgement that additional observers will also be required in the smaller, less busy ports. In discussing these estimates with DMCs, it was noted by the DMCs that one needs to take into consideration the number of landing stations/the number of buyers for each port to get a more accurate estimation. This information was collected, and the assessment of staff requirements is addressed in Task 2.1.4.

Additional staff for data entry for the likely increased demand was not quantified during the initial review, but DFO staff considered this increase could be more easily managed than the demand for observers. An assessment of staff requirements for data entry is also addressed in Task 2.1.4.

For other fisheries that have a DMP, the DMC office staff responsible for data entry also receive the initial hail-in call from the boat captain. The majority of the DMCs indicated that using a traditional hail-in protocol would not be feasible given the volume associated with lobster boat arrivals. Several referred to the fall herring model where the buyer calls the DMC with the arrival time of the first boat and expected total number of boats and the DMC sends the required number of observers to the port. This fall herring model solution might not work given the large number of lobster boats involved. This solution and any other potential solutions would have to be closely monitored to ensure that the integrity and delivery of the DMP is not jeopardized. When the electronic log (ELOG) is fully implemented, hail-ins may no longer be required, particularly since most vessels depart and return on the same day. The importance of using technology to enhance data exchange while reducing paperwork and staff requirements was also emphasized by DMCs.

2. Costs and Charges. It was agreed by all DMCs that the fishers should pay a fee for the services either as a lump sum at the outset or an amount for each landing. Most DMCs envisage that the buyers would also pay an amount as a lump sum or rate by the hour. Current practice is for price details to be negotiated between the DMCs and the fishers/buyers. Costs are outlined under Task 2.1.5.

3. Data Entry and Log Book. DFO identified that the current logbook used by lobster fishers does not collect sufficient data. To ensure the necessary data is collected, it was recommended that the current log book be revised to provide a section for Weigh-Out information and Verification/Confirmation/Signature by the Dockside Observer. Although not a requirement from the DMC perspective, DFO has stated that information from the fishers should include:

- How much lobster is taken out of the water;
- # of traps; and
- Where the lobster was taken (Lat/Long or grid).

While the first two items are accounted for in the current log book, the third item – which is only broken down into which half/third/quarter of the LFA the captain fished – needs to be improved, either with a latitude/longitude or a grid (similar to what is in use in LFA 36/LFA 38 in the Maritimes Region) that further refines where the lobster are being caught. The installation of a Vessel Monitoring System

(VMS) on lobster boats would provide accurate positional information like boats fishing other species. Further discussion regarding the log book is addressed in Task 2.1.3.

4. Implementation. While the DMCs agreed that the implementation should be progressed in a staged, timely fashion, not all companies indicated that the staging should necessarily include a steady increase in percentage of monitoring over time. One recommendation was to conduct a pilot project in one LFA or LFA sub-section funded by DFO. Another recommendation was that DMCs simply identify different ports for focus and send the required number of observers to conduct the monitoring for certain periods: this approach would help to alleviate the expected challenges in finding sufficient staff. Another stakeholder suggested having the DMCs do all the data entry during the first year while preparing for monitoring the second year. Overall, a phased approach to implementation in a staged, timely fashion was generally agreed by most stakeholders.

To address the issue of the minimum number of fishers needed at each wharf, it was recommended that there should be designated ports for offloading to alleviate the challenge in providing observers for every port with a small number of fishers. The large number of ports in the region, coupled with the fact that some ports have a small number of fishers points to the reality that achieving 100% catch monitoring in the lobster fishery is a significant challenge. It is likely that designating ports for offloading would be a challenge for some fishers and may have an impact on funding for small harbours if they were not used.

In summary, it was identified that the current DMP does not have the capacity to provide monitoring service for the lobster fishery and would need some augmentation to meet this requirement. The extent of the gap in capacity and potential solutions are addressed in Task 2.1.4. Once the decision is made by DFO on how to proceed, DMCs will need to be proactive in adapting their business models to meet the monitoring demands in an efficient and cost-effective manner. Additionally, DFO would require more due diligence from DMCs while overseeing the companies' transition to increased monitoring responsibilities for the lobster fishery. Companies would need to map their current business processes, in order to implement necessary changes to manage this significant increase in activities. Changes could be facilitated with support from The Atlantic Fisheries Fund, which provides support for innovations that help increase productivity, quality and sustainability in the fish and seafood sector.

Development


Task 2.1.3 - Develop an implementation plan that will ensure that the lobster Catch Monitoring data system includes data that will be entered in the DFO informatics system: Gulf Fishery Information System (GFIS), which is Oracle base for now.

The goal of this task is to provide the common factors and details for the development of a catch monitoring implementation plan. This plan takes into consideration the lobster catch monitoring data system which includes data that will be entered in the DFO informatics system, GFIS, including landings and logbook data. The potential new system that will be implemented (current timeline of 2020) due to the Ecosystem Fisheries Management Systems Integration was also considered.

As part of the current DMP for other species, vessels are required to hail-in to a DMC. The DMC receiving the call will complete a hail-in sheet with the information passed by the boat captain, which will include the estimated weight of the catch and estimated time of arrival at a specified port. The DMC will assign a dockside observer to arrive at the port 15 minutes prior to the boat's offloading time. The observer will follow the procedures outlined in the DFO publication National Dockside Monitoring Program Policy and Procedures which include verifying the weight of the catch, confirming that all fish have been offloaded from the vessel, signing the log book, and taking the DMC copy of the log book sheet to the DMC office where the required information is entered into the GFIS.

While the standard procedures for the vessel arriving at port to offload the catch will not change significantly for dockside monitoring for the lobster fishery, it is not considered feasible to use a hail-in protocol for lobster due to the size and complexity of this industry. The requirement to hail-in may be feasible when a fishery has a relatively small number of vessels or if the vessels conduct trips over several days. In the case of the lobster fishery where, during the spring season, there will easily be well over 1500 vessels landing their catch each day, the DMCs would be overwhelmed without some form of automated call centre capability. As mentioned in Task 2.1.2, it would be simpler and more efficient if the buyers call the DMC with the arrival time of their first boat and expected total number of boats, and the DMC sends the required number of observers to the port. However, without the buyers maintaining accurate arrival information and timely assignment of observers by the DMCs, the integrity of the DMP could be adversely affected or delays in offloading the catch could be encountered. Due to the short duration of the two Gulf Region lobster fishing seasons, most fishers will try to maximize their number of trips when the conditions are suitable. While there will be daily fluctuations in the activity in each port, it is expected that the DMCs would soon gain an understanding of the average amount of activity and allocate their resources accordingly.

With the implementation of a catch monitoring program, data entry into the GFIS could be straightforward and very similar to what the DMCs currently do for other species. The difference with the lobster industry will be in the volume of data resulting from up to 120,000 trips. The other significant aspect regarding data entry is that the current lobster log book does not provide the necessary information required to be entered into GFIS.



Ministère des Pêches et des Océans
Fisheries and Oceans

Lobster fishery logbook
Journal de bord - Pêche du homard

No. L 0008876

Licence Holder Name
Nom du Détenneur des permis: _____

Lobster Licence no.
Nrs. de permis de Homard: _____

Vessel Name
Nom du Bateau: _____

Vessel Registration Number (VRN)
Numéro d'immatriculation du Bateau (VRN): _____

Logbook Zone
Zone de Journal de Bord: _____

Date (YYYY-MM-DD) (dd-mm-aa)	Landing Port Port de débarquement	Fishing Location (see map) Lieu de pêche (voir carte)	Traps / Coques		Lobster / Homard		Rock crab Crabe roqueux	Cunner Tanche	Sculpin Chenoua	Comments (Optional) Remarques (Optionnelles)
			# hauled # levés	Soak days Jrs. Imm.	Canner Pâté	Market Gros				

Licence holder/signatory
Détenneur des permis/signataire désigné

Signature

Figure 2 - Sample Page - Current Lobster Log Book

As shown above, the current lobster fishers log book used has sections that contain the following information:

1. Licence Holder Name;
2. Lobster Licence No.;
3. Vessel Name;
4. Vessel Registration No. (VRN);
5. Logbook Zone (lobster fishing are where the fishing occurs – see map below);
6. Date (date fished);
7. Landing Port;
8. Fishing Location - i.e. 23-A, 23-B, 23-C, 23-D, 24-1, 24-2 etc. (see map below);
9. Number of Traps Hauled;
10. Soak Days (number of days the traps were in the water);
11. Catch Estimates for lobster (canner/market), rock crab, cunner and sculpin (include used bait);
12. Comments (Optional); and
13. Signature of Licence Holder.

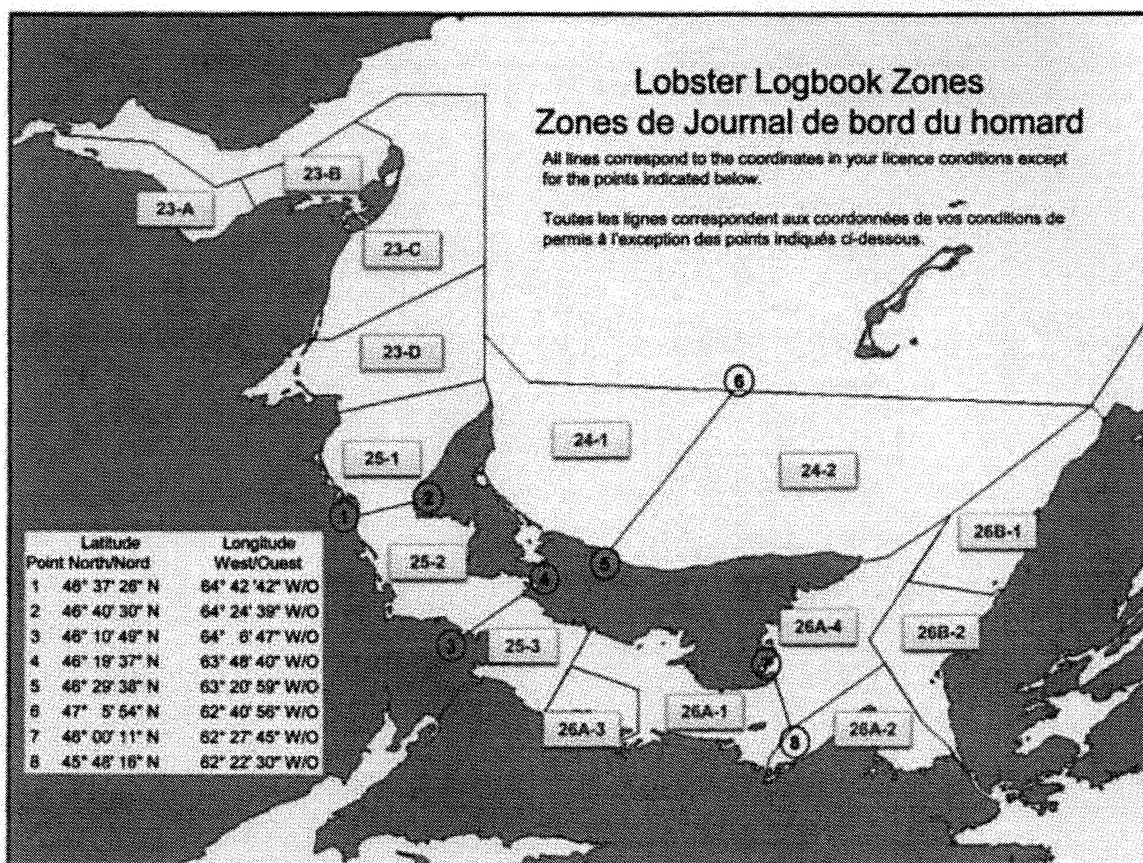


Figure 3 - Lobster Log Book Zones

Each page of the log book has space to cover seven days and instructions state that the reports are to be mailed weekly to the Statistics Division. However, current licence conditions state that the log sheets are to be mailed every month. As a result, some fishers still send a copy every week, while others send in their sheets once a month.

To ensure a composite collection of information to support catch monitoring as required by DFO, sections that would need to be added to the log book with the implementation of catch monitoring includes:

1. Weigh out Information (date sold/buyer/actual weight/price);
2. More precise fishing location information with coordinates (Latitude/Longitude) or the use of a grid system; and
3. Dockside Observer signature/confirmation number.

It has been emphasized by DFO that complete and integrated information on catch and fishing location from the fishers is required to properly assess lobster stocks and the fishery status. In the current log book, fishing location is only divided into which half/third/quarter of the LFA was fished. DFO stated

that this information is not considered sufficient and needs to be improved, either with VMS, Latitude/Longitude or a grid that further refines where the lobster is being caught. The implementation of this type of grid system would require the services of a geographical information system (GIS) technician.

An additional section to report the number of crew including the captain could also be added to contribute to an accurate figure for total number of participants.

The amended log book could continue to cover seven days or be expanded to cover up to a month.

The decision regarding the final format should consider the future ELOG. Once DMP implemented and the ELOG is used by all fishers, the data entry task will no longer be undertaken by the DMCs as the weigh-out information would be verified by the dockside observer and could be automatically entered into the GFIS.

In summary, catch monitoring in the lobster fishery would work with the similar procedures to other fisheries except for the hailing in requirements for each individual fisher. Additionally, either or both the current log book and future ELOG would need to be amended to include weigh out data that could be entered after entering the port with accompanying signature blocks and more precise fishing location information. An amended log book should reflect the information that will be included in the ELOG for the lobster fishery to enable a future transition to ELOG.

Specific options for the implementation of catch monitoring are examined in the Options Analysis section of this report.

Task 2.1.4 - Provide Recommendation of Staffing Requirements.

The goal of this task is to review current staff requirements and compare the use of college/university students, current or new monitoring company employees, and DFO's staffing capacity in the implementation of catch monitoring.

In addressing this task, the two areas of consideration for the DMCs were the requirement for dockside observers and data entry staff. Additionally, from the DFO perspective, the implementation of catch monitoring will impact the Statistics Division with a potential increase in data management and more demand of C & P services as noted below.

Dockside Observers

The most significant challenge associated with the implementation of catch monitoring in the Gulf Region lobster fishery is the increased demand for resources to conduct the dockside monitoring and the change in the DMCs' business model that this would entail. The initial discussions with the DMCs confirmed that there would be a significant demand for observers, but this number is difficult to quantify. As outlined in Task 2.1.2, an initial estimate was developed by assessing the average number of landings per day for the major ports assuming four landings could be monitored each hour by a dockside observer. This estimate resulted in a requirement for 116 observers for the spring season and 34 observers for the Summer/Fall season which is roughly in line with the current observer cadre (approximately 100).

During the on-site visits, the DMCs indicated that the current number of resources for dockside monitoring is insufficient to address a 100% catch monitoring regime. DMCs and the Area Offices recommended considering the number of buying stations at each port as a foundation for calculating the requirement for observers with one observer required to monitor each buying station, particularly at the busiest ports. To provide an estimate of dockside monitoring resources, the data for buyers and buying stations was obtained primarily with the help of the Area Offices, information from DFO Statistics and some harbour authorities. The tables below provide the results of these calculations for each Gulf administrative area for the spring and summer/fall fishing seasons.

Table 14 - Spring Season Observer Estimate – PEI

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
NAUFRAGE	3,185	72	7	7	7
NORTH LAKE	4,111	88	11	12	12
RED HEAD	1,405	32	4	4	4
SAVAGE HARBOUR	1,614	24	3	3	3
SEACOW POND	2,019	49	2	2	2
TIGNISH RUN	6,082	134	3	4	4
NORTHPORT	3,857	80	2	2	2
DARNLEY	129	6	0	0	0
ELLERSLIE	50	5	0	0	0
MALPEQUE	1,304	30	3	3	3
LENNOX ISLAND	917	23	2	2	2

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
MILLIGAN'S WHARF	1,135	26	3	3	3
FRENCH RIVER	1,502	34	4	4	4
NORTH RUSTICO	1,636	36	3	3	3
STANLEY BRIDGE	75	2	1	1	1
NEW LONDON	275	6	1	1	1
COVEHEAD	638	14	2	2	2
TRACADIE	1,109	22	3	3	3
NINE MILE CREEK	462	11	2	2	2
VICTORIA	43	3	0	0	0
PINETTE	51	1	1	1	1
WOOD ISLAND	577	11	2	2	2
MACAULAYS WHARF	293	6	1	1	1
BEACH POINT	2,894	68	5	5	5
GEORGETOWN	1,469	31	2	2	2
LAUNCHING	1,950	41	4	4	4
LOWER MONTAGUE	163	4	1	1	1
MONTAGUE	366	8	1	1	1
NEWPORT	104	2	0	0	0
STURGEON	356	7	1	1	1
GRAHAM'S POND	2,162	47	3	3	3
MACHON POINT	1,460	41	1	1	1
MINK RIVER	247	7	1	1	1
SOURIS	1,794	34	5	5	5
ANNANDALE	1,855	38	3	3	3
FORTUNE	1,124	20	2	2	2
	48,413	1063	89	91	91

Table 15 - Summer/Fall Season Observer Estimate – PEI

Wharf	Ports	Licences	Buyers	Buying Stations	Observers
HOWARD'S COVE	2,280	39	3	3	3
MIMINEGASH	1,925	40	3	3	3
SKINNER'S POND	3,567	73	2	2	2
WEST POINT	1,451	28	4	4	4
BORDEN	120	3	0	0	0
CAPE EGMONT	334	6	2	2	2
EGMONT BAY	627	12	2	2	2
HIGGINS WHARF	459	10	2	2	2
	10,763	211	18	18	22

Table 16 - Spring Season Observer Estimate - ENB

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
NEW MILLS	614	15	1	1	1
POINTE-VERTE	291	21	1	1	1
PETIT-ROCHER	155	16	2	2	1
MILLER BROOK WHARF	236	22	2	2	2
STONEHAVEN	1,229	29	3	3	3
GRANDE-ANSE	18	2	0	0	0
ANSE-BLEUE	294	20	0	0	0
CARAQUET	151	17	1	1	1
BAS CARAQUET	395	18	2	2	2
SHIPPAGAN	156	12	2	2	2
SAVOY LANDING	88	5	2	2	2
LAMEQUE	58	1	0	0	0
PETIT SHIPPAGAN	941	22	2	2	2
MISCOU HARBOUR	2,730	65	5	6	6
PIGEON HILL	1,382	60	5	8	8
STE MARIE/ST.RAPHAEL	588	24	4	6	4
INKERMAN	547	17			1
LE GOULET	497	53	5	5	5
TRACADIE	90	5			1
VAL-COMEAU	2,286	42	4	4	4
MCEACHERN'S POINT	1,761	38	6	6	6
BAS-NEGUAC	347	18	0	0	0
NEGUAC	1,849	49	3	3	3
BURNT CHURCH	1,184	30	2	2	2
BAIE STE ANNE	35	1			0
ESCUMINAC	3,947	81	3	5	5
	21,869	683			62

Table 17 - Summer/Fall Season Observer Estimate - ENB

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
POINTE-SAPIN	2,224	71	5	5	5
LOGGIECROFT	1,202	35	5	5	5
CAP ST. - LOUIS	1,070	37	4	4	4
RICHI BUCTO	1,624	68	6	6	6

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
CAP LUMIERE	1,397	40	3	2	2
COTE STE. ANNE/CHOCKPISH	673	25	2	2	2
ST. EDOUARD	361	13	2	2	2
ST. THOMAS	233	6	1	1	1
COCAGNE BAR	486	14	2	2	2
CAISSIE'S CAPE	603	13	2	2	2
ROBICHAUD	272	7	1	1	1
LES ABOITEAUX	985	24	2	2	2
BAS CAP PELE	276	7	0	0	0
BOUCTOUCHE	62	2			1
PETIT CAP	724	21	3	3	3
BOTSFORD	1,133	24	3	3	3
CAPE TORMENTINE	545	11	2	2	2
POINTE DU CHENE	160	4			1
	14,030	422			44

Table 18 - Spring Season Observer Estimate – GNS

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
BARRACHOIS	308	7	1	1	1
CARIBOU/FERRY WHARF	2,050	47	3	3	3
CAPE JOHN	555	12	3	3	3
TONEY RIVER	1,109	23	2	2	2
SKINNER'S COVE	464	10	2	2	2
LOGAN'S POINT	777	34	1	1	1
PICTOU ISLAND WEST	221	10	1	1	1
BIG ISLAND	48	1	1	1	1
LISMORE	1,426	31	2	2	2
LITTLE HARBOUR	567	12	1	1	1
PICTOU LANDING	777	18	2	2	2
ARISAIG	1,139	24	2	2	2
BALLANTYNE'S COVE	1,052	22	3	3	3
BAYFIELD	764	18	2	2	2
HAVRE BOUCHER	514	12	3	3	3
LIVINGSTONE'S COVE	309	5	2	2	2
TRACADIE	62	3	3	3	3
BARRIOS BEACH	376	9	2	2	2
CRIBBONS POINT	1,201	26	3	3	3
PUGWASH	399	10	3	3	3

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
MALAGASH	224	5	1	1	1
WALLACE	712	17	2	2	2
CHETICAMP	1,415	31	3	3	3
GRAND ETANG	1,197	25	4	4	4
MARGAREE HARBOUR	1,398	28	4	4	4
PLEASANT BAY	755	17	2	2	2
CREIGNISH	8	3	2	2	2
FINLAY POINT	558	14	2	2	2
INVERNESS	860	22	3	3	3
LITTLE JUDIQUE HARBOUR	474	11	2	2	2
LITTLE JUDIQUE PONDS	456	10	1	1	1
MABOU HARBOUR	300	10	3	3	3
MURPHY'S POND	1,156	27	3	3	3
PORT HOOD	35	1	1	1	1
BAXTER'S COVE	533	11	1	1	1
AULD'S COVE	301	8	2	2	2
	24,500	574	78	78	78

Table 19 - Summer/Fall Season Observer Estimate – GNS

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
NORTHPORT	48	1	1	1	1
PUGWASH	332	9	3	3	3
	380	10	4	4	4

Based on the above statistics, it was assessed that the number of buying stations in the Gulf Region is 231 for the spring season and 70 for the summer/fall season. Hence, using the recommended approach, the estimated requirement for observers for each area is summarized below:

- Prince Edward Island - 91 Spring/22 Summer/Fall;
- Eastern New Brunswick - 62 Spring/44 Summer/Fall; and
- Gulf Nova Scotia - 78 Spring/4 Summer/Fall.

Total – 231 Spring/70 Summer/Fall

Recognizing that these numbers do not consider fluctuations in the demand on a given day, or the efficiencies that would be developed over time, a 10% margin of error was introduced. As a result, the estimated number of observers required for 100% catch monitoring for the Gulf Region is assessed to be approximately 210-250 for the spring season and 60-80 for the summer/fall season depending on the location.

Currently, the DMCs employ approximately 90-100 dockside observers in the Gulf Region. Hence, to achieve 100% catch monitoring, significantly more observers would be required. It was noted during discussion with DMCs that some of the companies are already very busy during the lobster season with no surplus while others would be able to use some of their current staff to help handle the increased demand. There is the possibility to hire college/university students for the spring season, but these candidates would not likely be available for the Summer/Fall season due to academic commitments. Nevertheless, if sufficient observers are found for the spring season, it is possible that there would be sufficient numbers to manage the reduced requirement in the Summer/Fall. Current observers, who are not working or are not busy during the lobster season, could benefit also from this opportunity, and there will be some situations where an observer who is monitoring the landing of other species could also be able to monitor lobster at the same port, particularly if the same buyer is involved. These options will need further validation through other means like interviews or a survey which is outside the scope of this study.

Data Entry Staff

There is an impact on both DFO and DMC data entry staff with respect to data entry without ELOG in full operation. If the DMCs assume responsibility for all aspects of catch monitoring, it is highly likely that they will have to increase staff who enter the log book information into the GFIS. If DMCs were responsible for data entry, this situation would significantly decrease the data entry requirements of the Statistics Division which could enable an opportunity to shift more of the focus to data analysis.

Table 20 - DMC Staff Requirements - Data Entry

	Trips	Data Entry Time in Minutes	Data Entry Time in Hours	Data Entry Time in Days	Minimum # of Data Entry People Required
PEI Landings Spring	48,413	484,130	8,069	1,009	4
PEI Landings Summer/Fall	10,763	107,630	1,794	224	1
NB Landings Spring	25,295	252,950	4,216	527	2
NB Landings Summer/Fall	10,604	106,040	1,767	221	1
NS Landings Spring	24,500	245,000	4,083	510	2
NS Landings Summer/Fall	380	3800	63	8	0
Total	119,955	1,199,550	19,993	2,499	10

With an expected 120,000 trips per year and assuming it would take about 10 minutes to enter the data for each trip, it is estimated that entering lobster landing data into the GFIS would require at least 10 full-time staff for a year. The Statistics Division currently have four to five full time staff who are engaged in entering purchase slip data and also engages three part-time staff for four months to enter lobster log book data. While the number of DFO employees is slightly smaller than the estimate shown above, the six DMCs would all likely have to hire at least one additional person for data entry. With ELOG in the lobster fishery potentially starting next year, the implementation of the ELOG will reduce

the requirement for data entry staff. The implementation should not be conducted in isolation of catch monitoring and the outcomes will need to be closely monitored to understand the mutual impacts.

DFO Staffing Capacity

From the DFO perspective, the implementation of catch monitoring in the lobster fishery could impact C&P in the Area Offices and will affect the Statistics Division.

The implementation of lobster catch monitoring will likely see increased surveillance requirements or possibly a higher demand for investigations which could result in either a shift in focus from other species to lobster, or a possible requirement for additional staff in C & P to handle the workload.

As noted, the implementation of catch monitoring in the lobster fishery is suspected to have the most significant effect on the Statistics Division for data entry and management. The current process for data entry of lobster catch information is a time-consuming process that accounts for a significant amount of the workload in Statistics. The log book provides an estimate of the catch weight but does not provide the actual weight or the price received by the fisher. This information is gathered from the buyers' sales slips. As a result, key information that should be on one form is being sent to the Statistics Division by the buyer and fisher, requiring extra work to match up the information and resolve discrepancies.

Another challenge regarding lobster information is that the fishing effort and catch data do not match in the Gulf Fishery Information System as they do for other species where a DMP is in place. The capability to link the log book data with the weigh-out to a common trip ID number does not exist for lobster data. The ELOG and more efficient data capture could be introduced to rectify this situation. This work would likely take at least six months, but the timing for implementation and an assessment of associated costs will need to be confirmed by DFO. It must be noted that the timeframe for the implementation of ELOG reporting will influence the requirement for data entry. Once ELOGs are fully implemented in the lobster fishery, the data entry requirements will be significantly reduced. Additionally, if configured properly, the ELOG data submission would also provide the fishing location data required by DFO without any requirement to develop the grid system discussed in Task 2.1.3.

Once catch monitoring is fully implemented and data entry is performed by the DMCs or automatically transmitted through the ELOG, there is a potential benefit where the emphasis in the Statistics Division could shift from data input to ensuring data quality and conducting data analysis.

In summary, it is estimated that the implementation of catch monitoring in the Gulf Region lobster would require an addition of approximately 200-250 staff in the DMCs. From the DFO perspective, the Statistics Division will be affected in the transition phase as staff switch from data entry to data analysis and Informatics will likely require additional resources to implement the associated programming changes. After implementation the Statistics Division would be able to focus more on data management and analysis. Area Office C & P Divisions may require either additional staff or a shift in focus to handle a potential increase in enforcement or investigative activity.

Task 2.1.5 - Provide a Cost Analysis.

The goal of this task was to review a shared cost model in relation to industry led costs to provide a detailed implementation plan including phased-in options, and milestones.

The DFO estimate for a dockside monitoring pilot project for 2003 was approximately \$3 million or approximately 1.4% of the value of landings (\$209 million*).

Table 21 – DFO Cost Estimates for 2003 Pilot Project

Lobster Fishing Area	23	24	25	26A	26B
Number of Fishers	722	614	793	749	251
Number of Trips*	37,984	31,556	30,235	36,071	11,790
Avg # of Landings per Season	54	50	36	48	49
Cost for Weight Verification	\$540.00	\$500.00	\$360.00	\$480.00	\$490.00
Cost for Fisher for Data Entry	\$18.00	\$17.00	\$15.00	\$16.00	\$17.00
Total Cost per Fisher	\$558.00	\$517.00	\$375.00	\$496.00	\$517.00
Cost to Buyer per Fisher	\$540.00	\$500.00	\$360.00	\$480.00	\$490.00
Total Cost - Fishers and Buyers	\$1,098.00	\$1,017.00	\$735.00	\$976.00	\$997.00
Total Cost	\$792,756.00	\$624,438.00	\$582,855.00	\$731,024.00	\$250,247.00

*Based on 2001 data

In order to provide an updated and comparable cost analysis for this 2018 study, the same factors were used for this cost analysis: data entry costs and monitoring costs. The figures in Table 21 assumed a cost of \$20.00 per trip shared between the fishers and the buyers and a cost of \$15.00 to \$18.00 per fisher for data entry.

Considering inflation between 2001 and 2018 (134.4%), today's equivalent cost would be approximately \$34.00 per trip. This figure was approximately the same amount indicated for other species in anecdotal discussions with some of the DMCs. As it is understood that specific price arrangements will be resolved among the DMCs and their clients in each area, this analysis was conducted using a price of \$30-\$40 per trip for 120,000 trips, which includes approximately \$600,000 for data entry. The total number of landings is based on the 2016 number of 119,955 rounded up to simplify the analysis. The data entry estimate is based on approximately 20,000 hours of work as depicted in Table 16, which equates to \$5.00 per trip. If DMCs were to provide data entry services only, the cost was estimated to be approximately \$600,000.

The table below shows a corresponding decrease in data entry costs that are folded into the overall charge for the monitoring services. If the data entry work continued to be completed by DFO, the costs shown below would not factor into the assessment, but it is likely that some data entry following the dockside monitoring would be done by the DMCs.

The higher end cost of \$4.8 million (120,000 trips at \$40 per trip) equates to approximately 1.3% of the value of landings in 2016 (\$369 million).

Table 22 - Cost Estimates

Year	Data Entry	Monitoring	Total Program Cost
2019	\$540,000	10% - \$420,000 - \$540,000	\$960,000 - \$1,080,000
2020	\$450,000	25% - \$1,050,000 - \$1,350,000	\$1,500,000 - \$1,800,000
2021	\$300,000	50% - \$2,100,000 - \$2,700,000	\$2,400,000 - \$3,000,000
2022	\$150,000	75% - \$3,150,000 - \$4,050,000	\$3,300,000 - \$4,200,000
2023		100% - \$3,600,000 - \$4,800,000	\$3,600,000 - \$4,800,000

Although the standard in today's fisheries is that industry bears the cost of catch monitoring, DFO resources could be allocated to support the implementation process. As DFO funding in support of the implementation plan will be available for fiscal years 2019-2020 and 2020-2021, an option would be for DFO to assume responsibility for costs during the first year, share costs with industry in the second year and move to industry led costs in the third year and beyond. Using the higher end of the cost model, DFO would pay \$1,980,000 in the first two years. Industry would pay \$900,000 in the second year and have increasingly larger costs each year thereafter as the implementation moves towards 100% dockside monitoring.

Table 23 - DFO/Industry Payments

Year	Total Program Cost	DFO Share	Industry Share
2019	\$960,000 - \$1,080,000	\$960,000 - \$1,080,000	
2020	\$1,500,000 - \$1,800,000	\$750,000 - \$900,000	\$750,000 - \$900,000
2021	\$2,400,000 - \$3,000,000		\$2,400,000 - \$3,000,000
2022	\$3,300,000 - \$4,200,000		\$3,300,000 - \$4,200,000
2023	\$3,600,000 - \$4,800,000		\$3,600,000 - \$4,800,000

Considerations related to costs are discussed further in the Options Analysis section.

Best Practices

National and international research was conducted to search for best practices to further inform this study. Best practices that were applicable to the Lobster study are:

1. Mexico Study - Monitoring the Gulf of Mexico Commercial Reef Fish Fishery;
2. British Columbia - several case studies regarding the use of electronic monitoring/DFO IFMP Summary;
3. United States - Electronic Monitoring;
4. Norway - Institute of Marine Research (IMR);
5. Australia - Rock Lobster Fishery; and
6. New Zealand - Rock Lobster Management

Monitoring the Gulf of Mexico Commercial Reef Fish Fishery ¹noted the importance of having an electronic standardized template developed and implemented as soon as practicable and that the information from logbooks, dealer reports and VMS should be entered into a single system to allow for data merging, checking and reporting. The document also referred to electronic monitoring and the use of roving monitors.

Archipelago Marine Research, a provider of marine resource management products and services based in Victoria, BC, outlines several case studies regarding the use of electronic monitoring, including the Area A crab fishery in northern BC². The DFO IFMP Summary³ (Crab by Trap, Pacific Region) confirms that in 2013 commercial electronic monitoring programs expanded to include cellular vessel tracking in all areas, (except Area "A" where cameras are employed). Commercial camera electronic monitoring was also implemented in Area B in 2016.

In a United States based article entitled Electronic Monitoring: Different Fisheries Require Different Solutions, National Oceanic and Atmospheric Administration emphasizes that each fishery will have different requirements that will guide the optimum solution for electronic monitoring⁴.

Norway uses a Reference Fleet which is a small group of Norwegian fishing vessels that provide the Institute of Marine Research (IMR) with detailed information about their fishing activity and catches on a regular basis. Data captured by the Reference Fleet is used for management purposes including stock assessment.⁵

The Australian Department of Primary Industries and Regional Development⁶ describes the rock lobster fishery as an Individually Transferable Quota (ITQ) fishery with a harvest strategy that uses maximum economic yield as its management target. The total landings by the 226 commercial vessels in 2016

¹ <http://www.fao.org/tempref/docrep/fao/010/a1497e/a1497e26.pdf>

² <http://www.archipelago.ca/case-studies-fisheries-monitoring-technology/>

³ <http://www.pac.dfo-mpo.gc.ca/fm-gp/mplans/2018/crab-crabe-sm-2018-eng.pdf>

⁴ <https://www.fisheries.noaa.gov/feature-story/electronic-monitoring-different-fisheries-require-different-solutions>

⁵ <http://www.imr.no/temasider/referanseflaten/referanseflaten/en>

⁶ [http://www.fish.wa.gov.au/Documents/sofar/status reports of the fisheries and aquatic resources 2016-17.pdf](http://www.fish.wa.gov.au/Documents/sofar/status%20reports%20of%20the%20fisheries%20and%20aquatic%20resources%202016-17.pdf) (pages 32-36)

were 6,095t. It has historically been Australia's most valuable single species wild capture fishery and, in 2000, became the first fishery in the world to achieve Marine Stewardship Council (MSC) Certification. In 2017 it was the first fishery globally to be certified by MSC for the fourth time. An important aspect to how western rock lobster has achieved this world-class status is the predictive science dating back half a century behind ensuring the sustainable management of the fishery. In the 1960s CSIRO scientist Dr Bruce Phillips developed a technique which allowed the capture of the puerulus (post-larval stage) of western rock lobster which has subsequently been used to accurately predict the catch up to four years in advance.⁷ Australia monitors commercial fishing through compulsory catch and effort records from fishers and processors, data from a voluntary log book scheme and onboard commercial monitoring by staff.⁸

An article by Tracy Yandle entitled Rock Lobster Management in New Zealand: The development of Devolved Governance⁹ states that there has been a consistent pattern of industry involvement in, and often initiation of, innovative management practices such as logbook programmes and electronic data collection and reporting programmes.

In summary, there are some aspects of these best practices that would not directly apply to the Gulf Region lobster fishery where there are no quotas, there are similar elements that can be found in many sustainable fisheries. These include the importance of continued dialogue/communication among all stakeholders, as the use of technology such as a Vessel Monitoring System (VMS), the implementation of ELOG and electronic catch monitoring.

⁷ <http://www.fish.wa.gov.au/Fishing-and-Aquaculture/Commercial-Fishing/Commercial-Fishing-Management/Pages/Case-Study.aspx>

⁸ <http://www.fish.wa.gov.au/Species/Rock-Lobster/Lobster-Management/Pages/default.aspx>

⁹ <http://www.fao.org/tempref/docrep/fao/010/a1497e/a1497e26.pdf>

Options Analysis

In conducting this study on the feasibility of fishery monitoring and catch reporting, two issues needed to be addressed: feasibility and if feasible, options for implementation. From a feasibility perspective, the implications included:

- 1) People – resources to support the Program;
- 2) Data Entry – capability to capture and analyze data;
- 3) Costs and Charges– Program costs and acceptance of charges; and
- 4) Implementation – ability to implement program over specific time period

Overall, it is feasible to implement a catch monitoring program based on the following:

- 1) People – sufficient resources can be sourced to support the Program. However, these resources need to be developed over time (and trained) to ensure successful implementation;
- 2) Data Entry – the current ability capability to capture and analyze data provides a foundation for catch monitoring, but more information and automation in data entry is needed to ensure the success of the Program;
- 3) Costs and Charges– a balance in Program costs and acceptance of charges will be needed. Program costs are easier to implement over time with budget planning and allocations. The balance between government and user pay costs needs further evaluation; and
- 4) Implementation – the ability to implement the Program over specific time periods is addressed below.

The following are possible options for implementing catch monitoring in the Gulf Region lobster fishery commencing in 2019:

1. Full 100% monitoring;
2. Partial monitoring (10%-100%);
3. Data entry only;
4. Pilot project in one LFA or sub-area of a LFA;
5. Delay Monitoring until 2020; or
6. ELOG

Option 1 - Full 100% Monitoring

This option calls for full dockside monitoring services in every port where lobster is landed with accompanying data entry.

Advantages:

- Supports recognition of requirement for catch monitoring by DMCs and DFO;
- There are no discrepancies in information - fishers/buyers throughout the region are operating under the same conditions;
- Increased employment opportunities in each province;
- Help identify trends, challenges and problems quickly; and
- Potential to reach desired end state of sustainable lobster fishery more quickly.

Disadvantages

- Risk that DMCs do not have time to develop new business model, potentially overwhelming DMCs in hiring/training/deploying sufficient observers to handle the increased workload;
- No backup if the DMCs fall short in recruitment;

- Greater potential for delays offloading the catch, thereby causing dissatisfaction among buyers/fishers; and
- Higher initial costs.

Option 2 - Partial Monitoring (commencing at 10%)

In this option, the DMCs commence dockside monitoring at an initial level of 10%. Consideration for this modest start was a stepped approach would provide a better chance for success and set the stage for phasing increased monitoring levels in subsequent years as capability and funding would support.

Advantages:

- DMCs can develop new business model
- DMCs don't need to hire/train/deploy as many observers at once;
- Ease toward achieving desired end state;
- Greater flexibility to move observers around to get the required coverage;
- Decreases the risk of failure;
- Decreases the likelihood of having delays in offloading and causing dissatisfaction among buyers/fishers; and
- Lower initial costs.

Disadvantages

- Higher likelihood of having missing/inaccurate catch data until full implementation is realized; and
- Incomplete information on catches could potentially impact analysis.

Option 3 - Data Entry Only

In this option, the DMCs do not provide dockside monitoring and use the fishers log book sheets to enter the landing data into GFIS.

Advantages:

- Provides greater lead time for DMCs to prepare for full catch monitoring;
- DMCs/fishers/buyers can establish a working relationship in dealing with the log entries;
- DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year;
- Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations; and
- Lower initial costs.

Disadvantages

- No verification of what is being caught for first year;
- Could adversely affect current arrangements in Statistics Division for part time data entry staff; and
- Greater likelihood of having missing/inaccurate catch data.

Option 4 - Pilot Project in One LFA/Sub LFA

In this option, only one area would be involved in dockside monitoring. The scope of the pilot project could be further reduced to a small number of ports in one LFA or each LFA throughout the Gulf Region.

Advantages:

- Allows testing of implementation plan on a smaller scale to provide lessons learned for smoother transition/implementation in the rest of the region;
- Reduced cost; and
- Allow DFO resources to focus on one area.

Disadvantages:

- May not be well received in the area selected for the trial;
- Will be challenging for DMCs in selected area;
- Delays overall implementation; and
- Would require a different log book; as a result, two different logs could be in use in the Gulf Region if the other areas do not use new log book.

Option 5 – Delay Monitoring until 2020

A possible variation would be to choose one of the five options but begin implementation in 2020 instead of 2019 to enable a longer lead time for preparation/consultation with stakeholders. A component of this option could include allocating funding to the DMCs to go to each port where they expect to provide services, observe the offloading of lobster, liaise with the fishers and buyers and gain a detailed understanding of the impact dockside monitoring will have on their businesses and how to best meet the challenges of the implementation.

Advantages:

- Provides greater lead time for DMCs to prepare for full catch monitoring;
- DMCs/fishers/buyers can establish a working relationship in dealing with the log entries;
- DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year;
- Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations; and
- Lower initial costs.

Disadvantages

- No verification of what is being caught for first year;
- Continued likelihood of having missing/inaccurate catch data.

Option 6 – Use of ELOG with Random Checks by Compliance Officers

This option, suggested by one of the associations, involves the use of ELOG to record and transfer fishery information in real-time and conduct random checks to ensure compliance/accuracy.

Advantages:

- ELOG, once configured to capture required fishery information and fully implemented, will provide required data in real time;
- Does not affect efficiency of offloading; and
- Takes away requirement for paper log book.

Disadvantages

- Except for the random checks, does not provide independent third-party verification;

- Potential increased costs to expedite implementation of ELOG; and
- There may be delays as DFO information systems are adapted for ELOG.

The six options were developed using four key factors that were identified through:

- 1) Interviews with DMCs and area offices;
- 2) discussions with DFO;
- 3) research of supporting documentation.

To provide a quantitative weighting analysis to these considerations, the following factors were developed, and a score assigned for each variable.

Factor 1 (TIME) - Time to achieve 100% monitoring. The desired end state is 100% monitoring, but it is not considered essential that this goal be achieved immediately. Weight Factor 1.

1 year = 5
 2 years = 4
 3 years = 3
 4 years = 2
 5 years = 1

Factor 2 (COST) - Cost to DFO during the first two years (2019-2020) assuming DFO assumes all costs during the first year and costs are shared between DFO and industry in the second year. Weight Factor 3.

Under \$1,000,000 = 5
 \$1,000,000 - \$2,000,000 = 4
 \$2,000,000 - \$3,000,000 = 3
 \$3,000,000 - \$4,000,000 = 2
 Greater than \$4,000,000 = 1

Factor 3 (RESOURCES) - Resources (observers) required in first year. Weight Factor 3.

Less than 10% = 5
 10% – 25% = 4
 25% – 50% = 3
 50% – 75% = 2
 Greater than 75% = 1

Factor 4 (PRESENCE) - It is considered important to have some monitoring activity. If this is the case in the first year a score of 5 is granted. If there is no monitoring activity in the first year, the score is 0.

To determine the overall score for each option the sum of the score for each Factor was calculated as follows: Option Score = (Factor 1 x Weight Factor 1) + (Factor 2 x Weight Factor 2) + (Factor 3 x Weight Factor 3) + (Factor 4 - Yes = 5, No = 0)

Table 24 - Factor Values for Each Option

Factor	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
TIME	1 Year	5 Years	5 Years	4 Years	5 Years	5 Years
COST TO DFO	\$7,200,000	\$1,980,000	\$1,140,000	\$1,340,000	\$840,000	\$1,980,000+
RESOURCES	100%	10%	0	100%*	0	0
PRESENCE	Yes	Yes	No	Yes	Yes	Yes

* 100% for selected LFA

+ Assuming 10% monitoring

Table 25 - Overall Score for Each Option

Factor	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
TIME	5 X 1 = 5	1 X 1 = 1	1 X 1 = 1	2 X 1 = 2	1 X 1 = 1	1 X 1 = 1
COST TO DFO	1 X 3 = 3	4 X 3 = 12	4 X 3 = 12	4 X 3 = 12	5 X 3 = 15	4 X 3 = 12
RESOURCES	1 X 3 = 3	5 X 3 = 15	5 X 3 = 15	1 X 3 = 3	5 X 3 = 15	5 X 3 = 15
PRESENCE	5	5	0	5	0	5
TOTAL SCORE	16	33	28	22	31	33

After examining the advantages and disadvantages of the options and conducting the quantitative analysis, the following options were completed. In this analysis, it was assumed that DFO accepts the cost for the first year and splits the cost with industry in the second year. Additionally, although it is understood that it may be preferred to continue having DFO Statistics responsible for data entry in the early stages of the implementation, to allow for consistency in the calculations, the assessed cost of data entry is included in the calculations.

Option 1 - Full 100% Monitoring – While this is the desired end state, it is not considered feasible for 2019 or in the near term. The overall cost to DFO would be \$7.2 million (\$4.8 million in 2019 and \$2.4 million in 2020). Industry cost would be \$2.4 million in 2020. The combination of hiring challenges expected for the DMCs, changes required to data input, and incorporation of a new log book while an ELOG may also be introduced would present too many obstacles to achieve success. This is the most expensive option and it places an unrealistic demand on resources. Although attaining the desired end state of full monitoring, it is not considered feasible.

Option 2 - 10%-100% Monitoring – With this option, it would likely take five years to achieve close to 100% monitoring. DFO cost would be \$1,080,000 in 2019 and \$900,000 in 2020 for a total of \$1.98 million. Industry cost would be \$900,000 in 2020. With a relatively low cost, a measured approach for increasing demand for resources, while achieving monitoring presence in the first year, this option is both feasible and will eventually result in full monitoring.

Option 3 - Data Entry Only – With this option, it would likely take five years to achieve close to 100% monitoring. Assuming 10% monitoring in 2020, the cost to DFO would be \$600,000 in 2019 and \$540,000 in 2020 for a total of \$1.14 million while the cost to industry would be \$540,000 in 2020. This option allows for a timely build up of resources, but there is no monitoring presence in the first year. Although it is a feasible option, it is considered less desirable because it delays the monitoring until 2020.

Option 4 - Pilot Project in One LFA/Sub LFA – The cost for this option will depend on the size of the LFA or sub-area selected for the pilot project, but it would likely be between \$370,000 - \$1.2 millions in 2019. With an estimate of no more than \$800,000 in 2019 and assuming 10% monitoring in 2020, the cost to DFO in 2020 would be \$540,000 for a total of \$1.34 million while the cost to industry would be \$540,000 in 2020. This option would demonstrate strong presence in the selected area and would increase the likelihood of reaching 100% monitoring throughout the Gulf Region in a shorter period. It does, however, place a high demand on resources in the selected area, while the presence would only be demonstrated in the selected area, not throughout the Region, making it less desirable.

Option 5 - Delay in Monitoring until 2020 – With this option, it would likely take five years to achieve close to 100% monitoring. The cost to DFO would depend on the arrangements made with the DMCs but would likely be less than \$300,000 in 2019. Assuming a goal of 10% monitoring in 2020 as described in Options 3 and 4, the total cost would be \$840,000 for DFO and \$540,000 for industry in 2020. This option places a realistic demand on resources, however, there is no monitoring presence in the first year. Although this option is feasible, it is less desirable because of the initial lack of presence.

Option 6 - Use of ELOG with Random Checks by Compliance Officers – The time to implement this option would depend on how long it will take before all fishers are using the ELOG. The costs to DFO would be associated with ELOG implementation and for staffing of Compliance Officers. The amount of monitoring presence would be determined by the desired level of activity regarding the random checks for compliance. This option is feasible and cost-effective but would not provide 100% third-party verification.

Conclusion

It is assessed that catch monitoring in the Gulf Region lobster fishery is feasible and there are a range of options available for consideration. Recruiting, training and retaining dockside observers for 100% monitoring is a significant challenge for the DMCs. The ability of these companies to adapt and revise their business processes to ensure a smooth implementation, oversight by DFO throughout the transition, and a phased approach that takes advantage of current and developing technology will be key drivers for success.

As described in the discussion at Task 2.1.3, the current log book does not have sections for weigh out information, adequate fishing location or the dockside observer signature/confirmation number. It is recommended that a new log book or an addition to the existing logbook be developed to enable inclusion of this information on one document. Although this suggestion may be considered counterproductive in light of the expected implementation of the ELOG, it would reduce the challenges associated with information coming from two or three different sources: the fishers' log books, the buyers' sales slips, and the observers' landing reports. In any event, coordination will be required to ensure a smooth transition to the ELOG.

As this study considered the development of a communication strategy, it will be critical to provide key messages on how the catch monitoring for lobster in the Gulf Region will be phased-in (location, timing, and cost) and that it explains the benefits for the lobster industry as a whole to increase acceptance. It will be important to have continued collaboration with fishers, buyers and the DMCs to refine details of the plan based on the recommendations/suggestions/concerns of these key stakeholders.

Annex A – References

1. Integrated Fisheries Management Plan – Lobster in the Southern Gulf of St. Lawrence (<http://www.glf.dfo-mpo.gc.ca/Gulf/FAM/IMFP/2014-Lobster-Gulf-Region>)
2. REPORT 2 - Sustaining Canada's Major Fish Stocks - Fisheries and Oceans Canada from the Fall 2016 Reports of the Commissioner of the Environment and Sustainable Development
3. National Dockside Monitoring Program Policy and Procedures
4. Lobster Fishery Economic Summary – Gulf Region 2017
5. Update of the Stock Status Indicators for the American Lobster (*Homarus Americanus*) Stocks in the Southern Gulf of St. Lawrence - Canadian Science Advisory Secretariat Science Response 2016/051
6. Atlantic States Marine Fisheries Commission - American Lobster Benchmark Stock Assessment and Peer Review Report (Accepted for Management Use August 2015) (http://www.asmfc.org/uploads/file//55d61d73AmLobsterStockAssmt_PeerReviewReport_Aug2015_red2.pdf)
7. Fisheries Act (<http://laws-lois.justice.gc.ca/eng/acts/F-14/FullText.html>)
8. CGSB Qualification Program for Dockside Monitoring Companies
9. Dockside Monitoring Policies and Procedures
10. Atlantic Fisheries Restructuring Act 1985 (<http://laws-lois.justice.gc.ca/PDF/A-14.pdf>)
11. Coastal Fisheries Protection Act 1985 (<http://laws-lois.justice.gc.ca/PDF/C-33.pdf>)
12. Department of Fisheries and Oceans Act 1985 (<http://laws-lois.justice.gc.ca/PDF/F-15.pdf>)
13. Oceans Act 1996 (<http://laws-lois.justice.gc.ca/PDF/O-2.4.pdf>)
14. Strategic Framework for Fishery Monitoring and Catch Reporting Standards in the Pacific Region (http://www.pac.dfo-mpo.gc.ca/fm-gp/docs/framework_monitoring-cadre_surveillance/docs/framework_monitoring-cadre_surveillance-eng.pdf)
15. Standard of the Development of Electronic Logbook Client Applications (<http://www.dfo-mpo.gc.ca/fm-gp/sdc-cps/nir-nei/doc/Client-appl-standard-eng.pdf>)
16. Summary of Fishing Restrictions in Gulf Region 2017 Lobster Licence Conditions
17. Atlantic Fisheries Fund (<http://www.dfo-mpo.gc.ca/fm-gp/initiatives/fish-fund-atlantic-fonds-peche/index-eng.html>)
18. The State of World Fisheries and Aquaculture (<http://www.fao.org/3/a-i5555e.pdf>)
19. Rock Lobster Management in New Zealand: The Development of Devolved Governance (<http://www.fao.org/tempref/docrep/fao/010/a1497e/a1497e26.pdf>)
20. Case Studies: Fisheries Monitoring Technology and Services (<http://www.archipelago.ca/case-studies-fisheries-monitoring-technology>)
21. Integrated Fisheries Management Plan Summary Crab by Trap Pacific Region April 1, 2018 to March 31, 2019 (<http://www.pac.dfo-mpo.gc.ca/fm-gp/mplans/2018/crab-crabe-sm-2018-eng.pdf>)
22. Electronic Monitoring: Different Fisheries Require Different Solutions (<https://www.fisheries.noaa.gov/feature-story/electronic-monitoring-different-fisheries-require-different-solutions>)
23. The Norwegian Reference Fleet (<http://www.imr.no/temasider/referanseflaten/referanseflaten/en>)

24. Status Reports of the Fisheries and Aquatic Resources of Western Australia 2016/17
([http://www.fish.wa.gov.au/Documents/sofar/status_reports_of_the_fisheries_and_aquatic_re
sources_2016-17.pdf](http://www.fish.wa.gov.au/Documents/sofar/status_reports_of_the_fisheries_and_aquatic_resources_2016-17.pdf))

Massiera, Josiane

From: Massiera, Josiane
Sent: October-09-18 10:01 AM
To: Vautour, Denise
Subject: Gulf Region Lobster Catch Monitoring Feasibility Study
Attachments: Final Deck-Lobster Feasibility Study.pdf; Lobster Feasibility Study - Final Report .pdf

As requested, please find attached a copy of the feasibility study and a presentation. These results have not yet been shared with industry. It is scheduled to be presented at the next Southern Gulf of St. Lawrence Advisory Committee on December 4 and 5, 2018.

Josiane

Josiane Massiera

Regional Senior Fisheries and Aquaculture Management Officer | Agent principal régional, Gestion des pêches et de l'aquaculture

Resources Management | Gestion de la ressources

Fisheries and Aquaculture Management Branch, Gulf Region | Gestion des pêches et de l'aquaculture, Région du Golfe

Fisheries and Oceans Canada | Pêches et des Océans Canada

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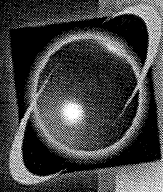
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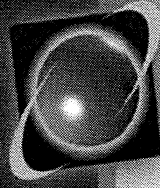
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Lobster Catch Monitoring Feasibility Study

Lonnie McNeill, Senior Consultant



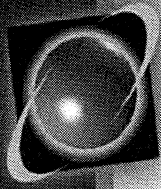


Principal Objective

Develop a Feasibility Study/Provide An Implementation Plan for
Catch Monitoring in the Gulf Region Lobster Fishery

- Improve the Quality and Reliability of Landing Data
- Enhance the Lobster Stock Science Assessment
- Enhance DFO's Ability to Make Informed Fisheries Management Decisions for a Sustainable Fishery
- 2016 Report of the Commissioner of the Environment and Sustainable Development
- UN 2030 Agenda for Sustainable Development

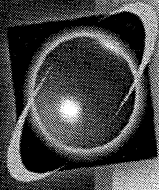
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Tasks as outlined in DFO RFP

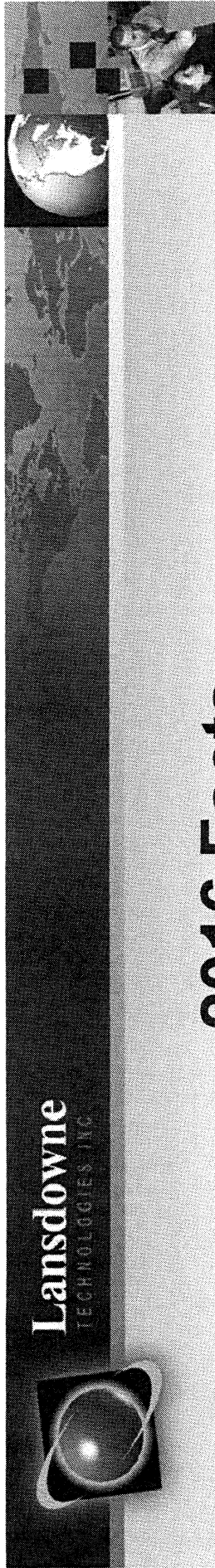
- Task 2.1.1 - Present Facts on Gulf Region Lobster Fishery**
- Task 2.1.2 - Review DMP and Identify Gaps**
- Task 2.1.3 - Develop Catch Monitoring Implementation Plan**
- Task 2.1.4 - Provide Recommendation of Staff Requirements**
- Task 2.1.5 - Provide Cost Analysis**

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Approach/Conduct of Study

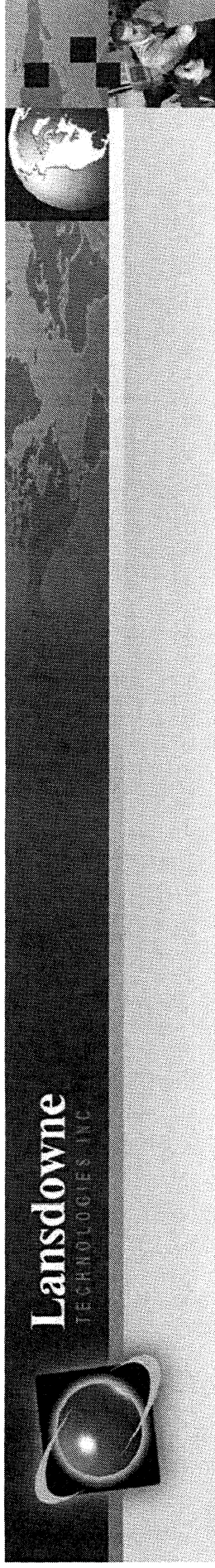
- Phase I: Read-In/Gathering of Information 20 Feb – 11 Mar
- Phase II: On-Site Visits 12-28 Mar
- Phase III: Analysis/Option Development 29 Mar – 26 Apr
- Phase IV: Reporting 27 Apr – 31 May



2016 Facts

AREA	PEI	ENB	GNS	TOTAL
# of LICENSES	1,274	1,105	584	2,963
# of TRIPS	59,176	35,899	24,880	119,955
# of WHARVES	64	54	49	167
AVG # TRIPS PER WHARF	925	665	508	718

LFA	23	24	25	26A	26B	TOTAL
# of LICENSES	679	683	647	736	218	2,963
# of TRIPS	21,869	31,043	25,173	32,424	9,446	119,955
# of WHARVES	31	29	39	52	18	167
AVG # TRIPS PER WHARF	705	1,070	645	624	525	718

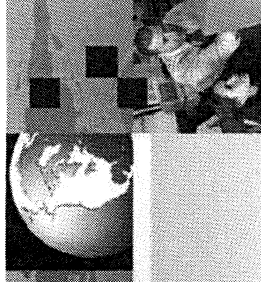
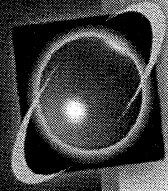


Analysis of Facts

- PEI accounts for 43% of licenses and 49.3% of trips
- ENB accounts for 37.3% of licenses and 29.9% of trips
- GNS accounts for 19.7% of licenses and 20.8% of trips
- 48 busiest ports see over 76% of total trips in the Gulf

Region





Dockside Monitoring Program – Gaps

- Using number of buying stations as an approximate guide to determine number of dockside monitors needed for 100% monitoring:
 - Prince Edward Island - 91 spring/22 summer/fall
 - New Brunswick - 62 spring/44 summer/fall
 - Nova Scotia - 78 spring/4 summer/fall
- **Total – 231 spring/70 summer/fall**



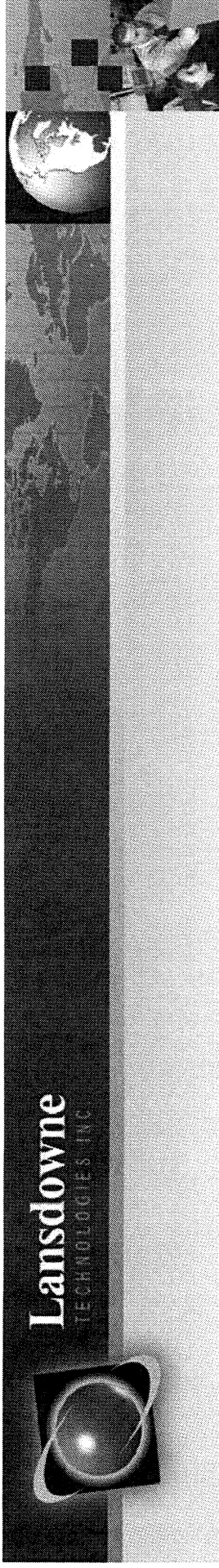
No. L 0008876

Vessel Name
Name du Bateau

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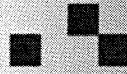
SECRET

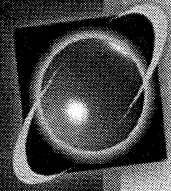
- Weigh-Out Data
 - Date sold
 - Buyer
 - Actual Weight
 - Price
- Precise Fishing Location
- Dockside Monitor Signature & Confirmation Number



Options for Catch Monitoring in 2019

1. Use of ELOG with Random Checks by Compliance Officers
2. Data Entry Only
3. Pilot Project in one LFA or Sub-Area
4. Partial Monitoring (Commencing at 10%)
5. Full 100% Monitoring
6. Delay Monitoring Until 2020



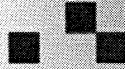


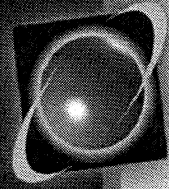
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Option 1 - Use of ELOG with Random Checks by Compliance Officers

- **Advantages**
 - ELOG, once configured to capture required fishery information and fully implemented, will provide required data in real time
 - Does not affect efficiency of offloading
 - Takes away requirement for paper log book
- **Disadvantages**
 - Except for the random checks, does not provide independent third-party verification
 - Potential increased costs to expedite implementation of ELOG
 - There may be delays as DFO information systems are adapted for ELOG





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Option 2 - Data Entry Only

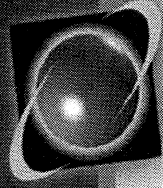
- **Advantages**

- Provides greater lead time for DMCs to prepare for full dockside monitoring
- DMCs/fishers/buyers can establish a working relationship in dealing with the log entries
- DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for dockside monitors in the following year
- Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations

- **Disadvantages**

- No verification of what is being caught for first year
- Could adversely affect current arrangements in Statistics for part time data entry staff
- Greater likelihood of having missing/inaccurate catch data

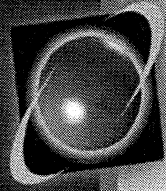




Option 3 - Pilot Project in one LFA or Sub-Area

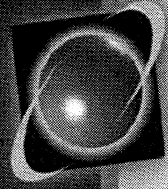
- **Advantages**
 - Allows testing of implementation plan on a smaller scale to provide lessons learned for smoother transition/implementation in the rest of the region
 - Reduced cost
 - Allow DFO resources to focus on one area
- **Disadvantages**
 - May not be well received in the area selected for the trial
 - Will be challenging for DMCs in selected area
 - Delays overall implementation
 - Would require a different log book; as a result, two different logs could be in use in the Gulf Region if the other areas do not use new log book





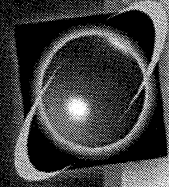
Option 4 - Partial Monitoring (Commencing at 10%)

- **Advantages**
 - DMCs can develop new business model
 - DMCs don't need to hire/train/deploy as many dockside monitors at once
 - Ease toward achieving desired end state
 - Greater flexibility to move observers around to get the required coverage
 - Decreases the risk of failure
 - Decreases the likelihood of having delays in offloading and causing dissatisfaction among buyers/fishers
- **Disadvantages**
 - Higher likelihood of having missing/inaccurate catch data until full implementation is realized
 - Incomplete information on catches could potentially impact analysis



Option 5 - Full 100% Monitoring

- **Advantages**
 - Supports recognition of requirement for catch monitoring by DFO
 - There are no discrepancies in information - fishers/buyers throughout the region are operating under the same conditions
 - Increased employment opportunities in each province
 - Help identify trends, challenges and problems quickly
 - Could help alleviate ongoing challenge regarding availability of sufficient numbers of dockside monitors
 - Potential to reach desired end state of sustainable lobster fishery more quickly
- **Disadvantages**
 - Risk that DMCs do not have time to develop new business model, potentially overwhelming DMCs in hiring/training/deploying sufficient observers to handle the increased workload
 - No backup if the DMCs fall short in recruitment
 - Greater potential for delays offloading the catch, thereby causing dissatisfaction among buyers/fishers



Option 6 - Delay Monitoring Until 2020

- **Advantages**

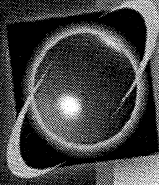
- Provides greater lead time for DMCs to prepare for full dockside monitoring
- DMCs/fishers/buyers can establish a working relationship in dealing with the log entries
- DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for dockside monitors in the following year
- Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations

- **Disadvantages**

- No verification of what is being caught for first year
- Continued likelihood of having missing/inaccurate catch data

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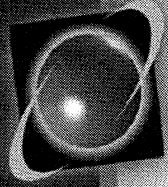
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DMC Staffing Requirements

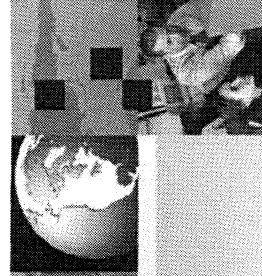
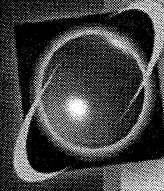
- **Current Dockside Monitors**
 - 90-100
- **Anticipated Dockside Monitors**
 - 210-250 for the spring season
 - 60-80 for the summer/fall season
- **Data Entry**
 - Approximately 10
 - One or two people per DMC

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DFO Staffing Requirements

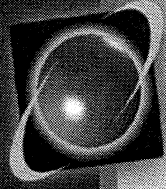
- Statistics Division
- Conservation and Protection



Estimated Costs

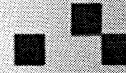
Year	Data Entry	Monitoring	Total Program Cost
2019	\$540,000	10% - \$420,000 - \$540,000	\$960,000 - \$1,080,000
2020	\$450,000	25% - \$1,050,000 - \$1,350,000	\$1,500,000 - \$1,800,000
2021	\$300,000	50% - \$2,100,000 - \$2,700,000	\$2,400,000 - \$3,000,000
2022	\$150,000	75% - \$3,150,000 - \$4,050,000	\$3,300,000 - \$4,200,000
2023		100% - \$3,600,000 - \$4,800,000	\$3,600,000 - \$4,800,000

Cost per trip estimated at \$30-\$40

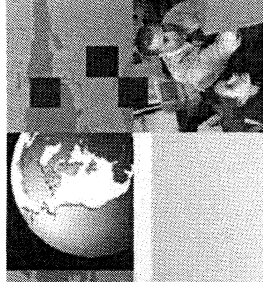
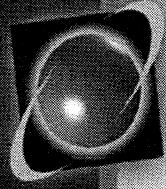


Summary

- Dockside monitoring in the Gulf Region lobster fishery is feasible
- Range of options available
- Recruiting, training, retaining dockside monitors for 100% monitoring and requirement for DMCs to adapt/revise business processes accordingly is biggest challenge – phased approach provides greater chance for success
- Use of technology important
- Continued engagement with all stakeholders is key



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Lobster Catch Monitoring Feasibility Study

FINAL REPORT

31 May 2018

Report submitted to:
Fisheries and Oceans Canada

Report submitted by:
Lansdowne Technologies Inc.

Lobster Feasibility Study Report

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Executive Summary

This report describes the work and findings from the lobster study consultant from Lansdowne Technologies Inc. (LTI) in conducting a feasibility study to develop an implementation plan for reliable, timely and accessible fisheries information and catch monitoring in the Gulf Region Lobster Fishery, in accordance with Contract F52111-170559 (20 February 2018) for Fisheries and Oceans Canada (DFO).

The Statement of Work in the Contract identified five principal tasks to be completed. These tasks were:

- Present facts on the Gulf Region lobster fishing industry;
- Review the current Dockside Monitoring Program (DMP) and identify the gaps to proceed with lobster catch monitoring;
- Develop an implementation plan that will ensure that the lobster Catch Monitoring data system includes data that will be entered in the DFO informatics system: Gulf Fishery Information System (GFIS);
- Provide recommendation of staffing requirements; and
- Provide a cost analysis.

The specific components of these five tasks are addressed in the corresponding sections of this report. At the outset, the objective was to gain an understanding of the current situation in the Gulf Region lobster fishery and with the Gulf Region DMP. From this starting point, options were developed to address the broad objective of providing an implementation plan for catch monitoring in the Gulf Region lobster fishery.

It is considered that the key factor in achieving successful implementation of catch monitoring in the Gulf Region lobster fishery is recruiting, training and retaining a sufficient number of dockside observers that will be able to monitor the landings without impeding the efficient offloading of catch. This will also entail Dockside Monitoring Companies (DMCs) undergoing major revision of their business processes and DFO providing clear guidance to the DMCs. There are six options that have been developed and are presented in the Options Analysis section of this report.

Subject to availability of funds, it is recommended that DFO contribute financial resources during the early stages of the implementation. This approach will facilitate transition from a current no-cost arrangement for the fishers to monitoring paid for by industry. Additionally, all stakeholders could be made aware of the possibility to receive support from the Atlantic Fisheries Fund for innovations that could help increase productivity, quality and sustainability in the fish and seafood sector.

A modest presence with 10% monitoring in the first year is considered achievable and feasible. Achieving 100% monitoring will be a challenge for the DMCs, particularly because of the significant increased demand for dockside observers and the large number of ports in the Gulf Region. This may require flexibility and innovation regarding their business models and oversight by DFO as the companies transition to an increase in monitoring responsibilities. A phased approach that allows for a measured increase in monitoring each year would increase the probability of a successful implementation.

Background

As outlined in the UN publication *The State of World Fisheries and Aquaculture*, in September 2015, the UN's 193 Member States adopted the 2030 Agenda for Sustainable Development. The 2030 Agenda comprises 17 Sustainable Development Goals (SDGs) as a framework to guide development actions of governments, international agencies, civil society and other institutions over the next 15 years. Several targets for SDG 14 ("Conserve and sustainably use the oceans, seas and marine resources for sustainable development") are explicitly fisheries-related. The fisheries related targets call for actions to: effectively regulate harvesting; end overfishing and illegal, unreported and unregulated (IUU) fishing and destructive fishing practices; address fisheries subsidies; increase economic benefits from sustainable management of fisheries and aquaculture; and provide access for small-scale artisanal fishers to marine resources and markets.

With an estimated annual landed value approaching \$324 million and over 7,100 people involved annually in harvesting, the lobster fishery is the mainstay of the fishing industry in the Gulf Region. The number of licence holders varies depending on the Lobster Fishing Area (LFA). There are around 669 licence holders in LFA 23, 635 in LFA 24, 711 in LFA 25, 686 in LFA 26A, 109 in LFA 26B North and 119 in LFA 26B South. To ensure sustainability of this valuable industry and meet our commitments the international sustainable fisheries, the objective of this work is to develop a feasibility study and provide an implementation plan. This study includes various options and costs for catch monitoring in the Gulf Region lobster fishery (LFAs 23, 24, 25, 26A and 26B) to improve the quality and reliability of landing data to support the lobster stock science assessment and DFO's ability to make informed fisheries management decisions for a sustainable fishery.

The current Dockside Monitoring Program (DMP) provides accurate, timely, third party verification of fish landings in the Gulf Region for certain species (snow crab, rock crab, groundfish, tuna, shrimp, and herring). It is the primary source of landing information on which Fisheries and Oceans Canada bases fisheries management decisions. The landing data from the DMP companies is entered directly in the DFO informatics system – the GFIS. The fishing industry and the Department are dependent on the accurate verification of landings by dockside monitoring companies (DMCs). The DMP is an extremely valuable management tool used by the Department to monitor the fisheries within its scope. However, there is no mandatory dockside monitoring in the lobster fishery.

Currently, landing data for the lobster industry is collected through purchase slips and logbooks which are lengthy processes to enter data both for the fishers and DFO. In some cases, these logbooks are incomplete and unreliable. Fishery monitoring and catch reporting in the lobster fishery has been a long-standing issue, but reliable, timely and accessible fisheries information is the foundation of sustainable management and is gaining in importance:

- The Atlantic Lobster Sustainability Measures Program (ALSM), a \$50 million funding program that ended March 31, 2014, supported industry efforts to improve economic prosperity and long-term sustainability in all LFAs includes the objective of improving catch monitoring and fishing effort reporting;
- Obtaining reliable and timely data from this fishery has been identified as a policy objective for the Department, including for the Precautionary Approach;

- Fishery monitoring and catch reporting is consistent with Marine Stewardship Council's requirements;
- Improving fishery monitoring and catch reporting is in line with the Gulf Region's current vision for the lobster fishery; and
- In 2016, the Office of the Auditor General of Canada under the authority of the Auditor General Act conducted a performance audit and published the results in a report entitled: *Sustaining Canada's Major Fish Stocks—Fisheries and Oceans Canada* - Reports of the Commissioner of the Environment and Sustainable Development, Report 2, Fall 2016 (Office of the Auditor General 2016). The audit found that DFO was missing key information needed to manage Canada's fish stocks sustainability. As a result, DFO committed to emphasize its efforts on identified deficiencies in fishery monitoring and catch reporting for key stocks and to look at ways to make reliable and timely data available for fisheries management.

The DMP in place for other species provides information that is key to enabling sound fisheries management decisions. Given the importance of the lobster fishery to this Region and Canada as a whole, a similar program is investigated in this study to provide transparency and access to the same kind of landing data as other fisheries.

Project Scope

The goal of this study was to investigate the feasibility of fishery monitoring and catch reporting monitoring and to recommend an implementation plan that would improve the quality and reliability of landing data to enhance the lobster stock science assessment and DFO's ability to make informed fisheries management decisions for a sustainable lobster fishery in the Gulf Region.

The Lobster Feasibility Study covered the Gulf Region Lobster Fishery which includes the following LFAs: LFA 23, LFA 24, LFA 25, LFA 26A and LFA 26B.

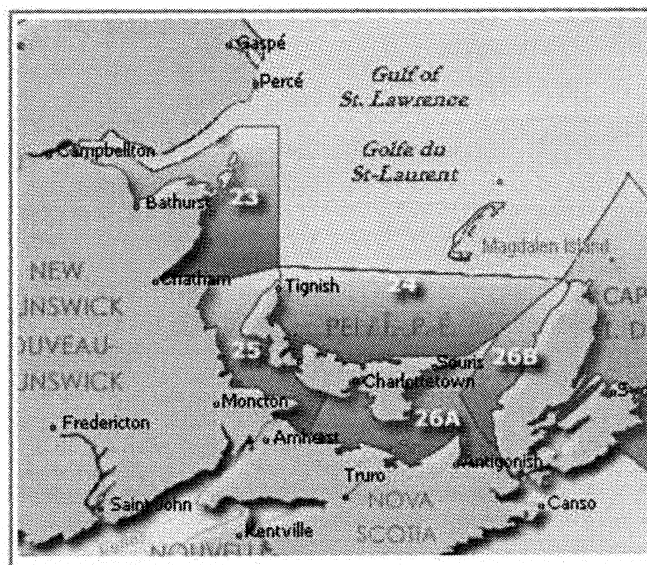


Figure 1 – Map of Gulf Region Lobster Fishing Areas

In the Gulf Region, the Regional Headquarters (RHQ) is located in Moncton, New Brunswick (NB) and the three administrative Area Offices for Eastern NB, Prince Edward Island (PEI) and Gulf Nova Scotia (GNS) are in Tracadie NB, Charlottetown PEI and Antigonish NS. For the purposes of this study, NB refers to Eastern NB and NS refers to Gulf NS. The interests of the fishers are represented by the following provincial organizations:

- **New Brunswick** – Maritimes Fishermen's Union/Union des pêcheurs des Maritimes (MFU/UPM);
- **Prince Edward Island** – PEI Fishermen's Association (PEIFA); and
- **Nova Scotia:**
 - o Gulf Nova Scotia Bonafide Fishermen's Association;
 - o North of Smokey Fishermen's Association;
 - o Northumberland Fishermen's Association;
 - o Gulf Nova Scotia Fishermen's Coalition;
 - o Inverness South Fishermen's Association; and
 - o Maritime Fishermen's Union (Local 4).

Six DMCs currently provide services in the region:

- 1) Pèse-Pêche Inc. in Shippagan NB;

- 2) Seefish Dockside Monitors in Fairhaven NB;
- 3) Island Weigh 95 Inc. in Tignish PEI;
- 4) Sea Tracker Dockside Monitoring in Tignish PEI;
- 5) Atlantic Catch Data in Pictou NS; and
- 6) Cheticamp Monitoring Association in Cheticamp NS.

There are two lobster fishing seasons in the Gulf Region that both run for a two-month period. The Spring fishery takes place in LFAs 23/24/26A/26B South from April 30 to June 30. The season in one area of LFA 26A1 between Point Prim and Victoria in PEI and in LFA 26B North in Cape-Breton is from May 7 to and July 7. The Summer/Fall fishery in LFA 25 runs from August 9 until October 10.

Approach/Conduct of Study

This study was conducted using a phased approach to gain an understanding of the current situation in the Gulf Region lobster fishery while seeking recommendations and the perspective from key DFO personnel and the DMCs and to develop a potential implementation plan for fishery monitoring and catch reporting to be discussed with stakeholders. The four phases are described below.

Phase I: Read-In Gathering of Information (February 20 – March 11, 2018)

In this initial phase the lobster study consultant conducted a read-in of DFO documentation recommended by the Project Authority and external research to gain a deeper understanding of the Gulf Lobster Fishery. A priority during this phase was to establish a working relationship with key DFO members at the Regional and Area Offices, refine the project schedule to meet DFO requirements and develop a detailed visit itinerary in each area for Phase II. A Project startup meeting was held at RHQ in Moncton on February 27, 2018 with the project team. References reviewed by the lobster study consultant are attached at Annex A.

Phase II: On-Site Visits (March 12 – 28, 2018)

In this phase, the lobster study consultant conducted on site visits to the RHQ in Moncton, followed by visits to the three Area Offices in Tracadie, Antigonish and Charlottetown and with the DMCs in each area. The goal of the visit to RHQ was to understand the strategic perspective regarding this project and to learn about the DFO Informatics System regarding how catch landing data is received/processed for other species and the desired flow of similar data for lobster. The purpose of the visits to the Areas was to get the perspective of DFO staff and the DMC management in each area regarding concerns/challenges and to assess the capacity to meet the requirements of dockside monitoring for the lobster fishery. The fishermen's associations received a notice of the study in February and although not part of the original scope, it was decided by DFO to meet with them to seek the perspective of the fishers, understanding that there would be continued dialogue among all the stakeholders following completion of the study report and a final decision by DFO.

Phase III: Analysis and Option Development (March 29 – April 26, 2018)

In this phase, the lobster study consultant examined the information gathered in Phases I/II to fulfill the requirements of the assigned tasks and to identify possible options to improve the quality and reliability of landing data in the Gulf Region lobster fishery. Once the options were developed, a meeting/teleconference took place with the project team (RHQ and Area staff).

Phase IV: Reporting (April 27 – May 31, 2018)

Throughout the study, the lobster study consultant submitted bi-weekly written reports on the progress of the project to ensure tracking of activities and deliverables scheduled were met to allow early identification of any changes required by the Project Authority to meet the needs of DFO.

In this phase, the Lobster Study Consultant developed both draft and final reports. The draft report was provided to DFO for review and comment on May 1, 2018 and an updated final report was submitted on May 31, 2018.

Current Situation/Findings

Task 2.1.1 - Present Facts on Gulf Region Lobster Fishery

The goal of this task was to identify number of participants, active licence holders, wharves with lobster trips and trips per wharf. The bulk of this information was derived from spreadsheets provided by the Statistics Division at RHQ based on information provided from sales slips.

The number of licences and the number of trips from 2003 to 2016 were reviewed.

Table 1 - Licences * and Trips – Gulf Region

Year	# of Licences	# of Trips
2003	3,273	126,964
2004	3,330	125,722
2005	3,301	126,188
2006	3,253	128,355
2007	3,262	130,950
2008	3,297	124,110
2009	3,232	124,414
2010	3,206	117,564
2011	3,056	116,356
2012	3,011	119,844
2013	3,136	110,965
2014	3,046	120,275
2015	3,057	116,710
2016	2,963	119,955

* In a small number of cases, where a licence lands its catch in more than one port, that licence is counted twice.

From 2003 to 2016, there has been a decrease of 310 lobster licences, mainly due to rationalization programs. The number of reported trips saw a high of over 130,000 in 2007 and since 2010, the trend has generally been between 116,000 and 120,000. The trend indicates a steady but slow decline in both number of licences and number of trips. A review of this data by province is as shown below:

Table 2 - Gulf Region Licences and Trips – By Area

Year	# of Licences PEI	# of Trips PEI	# of Licences ENB	# of Trips ENB	# of Licences GNS	# of Trips GNS
2003	1,326	63,587	1,337	37,296	610	26,081
2004	1,349	63,629	1,337	37,037	644	25,056
2005	1,347	62,289	1,293	37,274	661	26,625
2006	1,339	62,615	1,270	39,171	644	26,569
2007	1,374	62,869	1,248	41,115	640	26,966
2008	1,381	60,719	1,263	38,197	653	25,194
2009	1,385	57,667	1,220	42,403	627	24,344
2010	1,321	55,949	1,242	39,303	643	22,312
2011	1,281	54,898	1,176	37,386	599	24,072
2012	1,301	58,515	1,112	35,944	598	25,385
2013	1,331	54,123	1,169	34,182	636	22,660
2014	1,320	58,632	1,128	37,757	598	23,886
2015	1,337	56,091	1,133	37,429	587	23,190
2016	1,274	59,176	1,105	35,899	584	24,880

The number of active licences in the Gulf Region for 2018 is 2960. For this study, 2016 data was used to gather the facts. A broad summary of the information for 2016 is as shown below for the provinces and each LFA:

Table 3 - Facts by Gulf Area

PROVINCE	PEI	ENB	GNS	TOTAL
# of LICENCES	1,274	1,105	584	2,963
# of TRIPS	59,176	35,899	24,880	119,955
# of WHARVES	64	54	49	167
AVG # TRIPS PER WHARF	925	665	508	718

Table 4 - Facts by LFA

LFA	23	24	25	26A	26B	TOTAL
# of LICENCES	679	683	647	736	218	2,963
# of TRIPS	21,869	31,043	25,173	32,424	9,446	119,955
# of WHARVES	31	29	39	52	18	167
AVG # TRIPS PER WHARF	705	1,070	645	624	525	718

While the number of licences, trips and wharves provide a good overview of the fishery, the average number of trips per wharf does not provide meaningful data as there are some ports that are very busy,

and others that are listed with no recorded trips in recent years. By removing the ports with no recent activity from the analysis, the total number of ports can be reduced from 167 to 125. A more detailed breakdown for each province is shown below.

Table 5 - Number of Trips per Wharf in Prince Edward Island

Wharf	Trips Spring	Trips Summer/Fall
NAUFRAGE	3,185	
NORTH LAKE	4,111	
RED HEAD	1,405	
SAVAGE HARBOUR	1,614	
SEACOW POND*	2,019	
TIGNISH RUN*	6,082	
NORTHPORT	3,857	
DARNLEY	129	
ELLERSLIE	50	
MALPEQUE	1,304	
LENNOX ISLAND	917	
MILLIGAN'S WHARF	1,135	
FRENCH RIVER	1,502	
NORTH RUSTICO	1,636	
STANLEY BRIDGE	75	
NEW LONDON	275	
COVEHEAD	638	
TRACADIE	1,109	
NINE MILE CREEK	462	
VICTORIA	43	
PINETTE	51	
WOOD ISLAND	577	
MACAULAYS WHARF	293	
BEACH POINT	2,894	
GEORGETOWN	1,469	
LAUNCHING	1,950	
LOWER MONTAGUE	163	
MONTAGUE	366	
NEWPORT	104	
STURGEON	356	
GRAHAM'S POND	2,162	
MACHON POINT	1,460	
MINK RIVER	247	
SOURIS	1,794	
ANNANDALE	1,855	
FORTUNE	1124	
HOWARD'S COVE		2,280
MIMINEGASH		1,925
SKINNER'S POND		3,567
WEST POINT		1,451
BORDEN		120
CAPE EGMONT		334

Wharf	Trips Spring	Trips Summer/Fall
EGMONT BAY		627
HIGGINS WHARF		459
TOTAL	48,413	10,763

*Prior to 2017, SeaCow Pond and Tignish Run data was included with Skinners Pond data. **Table 6 – Number of Trips per Wharf in Eastern New Brunswick**

Wharf	Trips Spring	Trips Summer/Fall
NEW MILLS	614	
POINTE-VERTE	291	
PETIT-ROCHER	155	
MILLER BROOK WHARF	236	
STONEHAVEN	1,229	
GRANDE-ANSE	18	
ANSE-BLEUE	294	
CARAQUET	151	
BAS CARAQUET	395	
SHIPPAGAN	156	
SAVOY LANDING	88	
LAMEQUE	58	
PETIT SHIPPAGAN	941	
MISCOU HARBOUR	2,730	
PIGEON HILL	1,382	
STE MARIE/ST.RAPHAEL	588	
INKERMAN	547	
LE GOULET	497	
TRACADIE	90	
VAL-COMEAU	2,286	
MCEACHERN'S POINT	1,761	
BAS-NEGUAC	347	
NEGUAC	1,849	
BURNT CHURCH	1,184	
BAIE STE ANNE	35	
ESCUMINAC	3,947	
POINTE-SAPIN		2,224
LOGGIECROFT		1,202
CAP ST. LOUIS		1,070
RICHIBUCTO		1,624
CAP LUMIERE		1,397
COTE STE. ANNE/CHOCKPISH		673
ST. EDOUARD		361
ST. THOMAS		233
COCAGNE BAR		486
CAISSIE'S CAPE		603
ROBICHAUD		272
LES ABOITEAUX		985
BAS CAP PELE		276

Wharf	Trips Spring	Trips Summer/Fall
BOUCTOUCHE		62
PETIT CAP		724
BOTSFORD		1,133
CAPE TORMENTINE		545
POINTE DU CHENE		160
TOTAL	24,093	11,806

Table 5 - Number of Trips per Wharf in Gulf Nova Scotia

Wharf	Trips Spring	Trips Summer/Fall
NORTHPORT		48
PUGWASH		332
BARRACHOIS	308	
CARIBOU/FERRY WHARF	2,050	
CAPE JOHN	555	
TONY RIVER	1,109	
SKINNER'S COVE	464	
LOGAN'S POINT	777	
PICTOU ISLAND WEST	221	
BIG ISLAND	48	
LISMORE	1,426	
LITTLE HARBOUR	567	
PICTOU LANDING	777	
ARISAIG	1,139	
BALLANTYNE'S COVE	1,052	
BAYFIELD	764	
HAVRE BOUCHER	514	
LIVINGSTONE'S COVE	309	
TRACADIE	62	
BARRIOS BEACH	376	
CRIBBONS POINT	1,201	
PUGWASH	399	
MALAGASH	224	
WALLACE	712	
CHETICAMP	1,415	
GRAND ETANG	1,197	
MARGAREE HARBOUR	1,398	
PLEASANT BAY	755	
CREIGNISH	8	
FINLAY POINT	558	
INVERNESS	860	
LITTLE JUDIQUE HARBOUR	474	
LITTLE JUDIQUE PONDS	456	
MABOU HARBOUR	300	
MURPHY'S POND	1,156	
PORT HOOD	35	

Wharf	Trips Spring	Trips Summer/Fall
BAXTER'S COVE	533	
AULD'S COVE	301	
TOTAL	24,500	380

Discussion with Associations:

As noted in the Approach/Conduct section, the fishermen's associations received a notice of the study in February. To seek their early perspective, a teleconference with a small number of representatives of the NS Associations was conducted on 24 April and meetings took place with Prince Edward Island Fishermen's Association/Maritime Fishermen's Union on May 22/May 23 respectively. The associations expressed concerns regarding the challenges of implementing dockside monitoring without delaying their offload times and were not supportive of an initiative that would increase costs to the fishers. They also stressed the importance of implementing ELOG as quickly as possible to allow efficient, timely capture and transfer of information. The associations also stated that changes to current practices should involve all maritime regions, not only the Gulf Region.

Analysis:

The analysis reviews the number of licences and the number of trips by province. PEI (43 % of the licences/49.3 % of the trips), has the busiest lobster fishery, followed by NB (37.3 % of the licences/29.9 % of the trips) and NS (19.7 % of the licences/20.8 % of the trips).

Of the 125 ports, 48 ports (38 in the Spring lobster fishery and 10 in LFA 25 Summer/Fall lobster fishery) had over 1000 trips in 2016, with Tignish Run being the busiest port with over 6,000 trips. These 48 ports account for over 76% of the total number of trips in the lobster fishery.

The one piece of information not available in any data base is the number of participants, which is defined as licence holder plus number of helpers (crew). There are over 23,000 registered commercial fishers in the Gulf Region, but there is no information available that breaks down the fishery by each registered fisher. It is acknowledged that the number of helpers per lobster boat is usually one or two but can be more than two for larger boats or when there is a bigger workload for laying traps or banding during busy periods.

To get a reasonable estimate of the total number of participants the number of licences was multiplied by 2.5. Using this methodology, with 2960 active licences it is assessed that there are approximately 7400 participants in the Gulf Region lobster fishery.

Task 2.1.2 - Review the current Dockside Monitoring Program and identify the gaps to proceed with lobster catch monitoring

This goal of this task is to review the DMP to identify if the current DMPs have capacity to provide the service and to identify minimum number of fishers needed at each wharf. To determine the perspective of the DMCs, the Lobster Study Consultant conducted face-to-face or telephone discussions with representatives from each of the six companies operating in the Gulf Region as follows:

- NS - Cheticamp Monitoring: Telephone discussion with P. Desveaux on March 7, 2018;
- NB - Pèse-Pêche Inc.: Meeting with S. Chiasson on March 15, 2018;
- PEI - Island Weigh 95 Inc.: Meeting with T. Arsenault, B. Gaudet on March 19, 2018;
- PEI - Sea Tracker Dockside Monitoring: Meeting with R. Doyle on March 19, 2018;
- NB - Seefish Dockside Monitors: Meeting with M. Leeman, R. Maillet on March 20, 2018; and
- NS - Atlantic Catch Data Yarmouth Office: Meeting with A. Gaudet on March 22, 2018. (Atlantic Catch Data provides monitoring services for the Gulf Region from its office in Pictou. The manager of the Pictou office was not available during the on-site visit period but has been consulted during the study.)

The representatives were supportive of implementing dockside monitoring for the Gulf Region lobster fishery while acknowledging that this initiative will likely be challenging. To summarize the perspective of the DMCs, the main points addressed were grouped into the following four subject areas;

1. People;
2. Data Entry and Logbook;
3. Costs and charges; and
4. Implementation.

1. People. DMCs identified the biggest challenge associated with an implementation of catch monitoring in the lobster fishery is the increased demand for people to conduct the dockside monitoring and to enter the data into the GFIS. DMCs have emphasized that the difficulty in finding, training, hiring and retaining observers has always been, and will continue to be, a reality for each of these companies, even before considering the implications of the workload associated with implementing catch monitoring in the lobster fishery. It was noted that most of the companies have a solid core of reliable observers who provide stability year after year. The typical core observer is often either retired or has another job that offers flexibility in working odd hours. It was also noted that the length of the season makes it difficult for university students who are seeking employment from May to August.

An additional observation was the amount of time required to receive the designation for a trained dockside observer. Dockside observer training is completed in one week. After monitoring five offloadings alongside an experienced and designated dockside observer, the candidate is qualified to assume duties. The granting of a temporary designation to an observer while the formal paperwork is being processed through the bureaucratic channels would help in putting the observers to work quickly and reduce the likelihood that they will have found another job once the final certification has been received by the DMC.

DMCs also identified the challenge in finding individuals who could fulfill the observer role without connections to the fishing industry and in a conflict of interest position. To mitigate this issue, an Interim Protocol on Mitigation of Conflicts of Interest in the At-Sea Observer and Dockside Monitoring Programs was approved by the National Director General of Conservation and Protection (C & P) in April 2017. This interim protocol provides clear direction regarding conflict of interest and mitigation procedures such as ensuring that an observer does not observe or monitor the offload of a vessel involving a family member or in a location where family operates a vessel. This approach will enable applicants to work as observers despite a connection to the fishing industry.

While there will be an increased demand for dockside observers staff, this demand was not quantified during the initial discussions. To quantify this requirement, the following factors were considered:

- the number of trips per port for the major ports (at least 300 arrivals in the season);
- an estimate of 15 minutes per weigh-out per boat. (DMC staff and DFO personnel have indicated that a maximum of 10 minutes to offload a boat is the norm); and
- the busy period for arrivals to offload catch is the five-hour period from 10 AM to 3 PM.

Assuming the boats will make approximately 35-50 trips per season, one can calculate the average number of arrivals/offloads per day in each port. With an estimate that an observer will monitor four offloads per hour, each observer could complete 20 offloads during the busy five-hour period. It is understood that the observers will likely be required for more than five hours, however, this calculation would allow for sufficient observers during this busy period. An assessment of the required number of dockside observers required for PEI, ENB and GNS is shown in the tables below based on an approximate average of 50 trips per boat for PEI, 35 trips per boat for NB and 45 trips per boat for NS.

Table 6 - PEI Observer Requirement – Spring Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
NAUFRAGE	3,185	64	3
NORTH LAKE	4,111	82	4
RED HEAD	1,405	28	1
SAVAGE HARBOUR	1,614	32	2
SEACOW POND	2,019	40	2
TIGNISH RUN	6,082	122	6
NORTHPORT	3,857	77	4
MALPEQUE	1,304	26	1
LENNOX ISLAND	917	18	1
MILLIGAN'S WHARF	1,135	23	1
FRENCH RIVER	1,502	30	2
NORTH RUSTICO	1,636	33	2
COVEHEAD	638	13	1
TRACADIE	1,109	22	1
NINE MILE CREEK	462	9	1
WOOD ISLAND	577	12	1

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
BEACH POINT	2,894	58	3
GEORGETOWN	1,469	29	1
LAUNCHING	1,950	39	2
MONTAGUE	366	7	1
STURGEON	356	7	1
GRAHAM'S POND	2,162	43	2
MACHON POINT	1,460	29	1
SOURIS	1,794	36	2
ANNANDALE	1,855	37	2
FORTUNE	1,124	22	1
			49

Table 7 - PEI Observer Requirement – LFA 25 Summer/Fall Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
HOWARD'S COVE	2,280	46	2
MIMINEGASH	1,925	39	2
SKINNER'S POND	3,567	71	4
WEST POINT	1,451	29	2
CAPE EGMONT	334	7	1
EGMONT BAY	627	13	1
HIGGINS WHARF	459	9	1
			12

Table 10 - ENB Observer Requirement – Spring Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
NEW MILLS	614	18	1
BAS CARAQUET	395	11	1
STONEHAVEN	1,229	35	2
PETIT SHIPPAGAN	941	27	2
MISCOU HARBOUR	2,730	78	4
PIGEON HILL	1,382	39	2
STE MARIE/ST RAPHAEL	588	17	1
INKERMAN	547	16	1
LE GOULET	497	14	1
VAL-COMEAU	2,286	65	3
BURNT CHURCH	1,184	34	2
BAS NEGUAC	347	10	1
NEGUAC	1,849	53	3
MCEACHERN'S POINT	1,761	50	3
ESCUMINAC	3,947	113	4
			31

Table 11 - ENB Observer Requirement – LFA 25 Summer/Fall Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
LOGGIECROFT	1,202	34	2
POINTE SAPIN	2,224	64	3
CAP ST LOUIS	1,070	31	2
CAP LUMIERE	1,397	40	2
RICHIBUCTO	1,624	46	2
CAISSIE'S CAPE	603	17	1
ST EDOUARD	361	10	1
COCAGNE BAR	486	14	1
COTE STE ANNE/CHOCKPISH	673	19	1
LES ABOITEAUX	985	28	2
CAPE TORMENTINE	545	16	1
PETIT CAP	724	21	1
BOTSFORD	1,133	32	2
			21

Table 12 - GNS Observer Requirement – Spring Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
BARRACHOIS	308	7	1
CARIBOU/FERRY WHARF	2,050	46	2
CAPE JOHN	555	12	1
TONEY RIVER	1,109	25	1
SKINNER'S COVE	464	10	1
LOGAN'S POINT	777	17	1
LISMORE	1,426	32	2
LITTLE HARBOUR	567	13	1
PICTOU LANDING	777	17	1
ARISAIG	1,139	25	1
BALLANTYNE'S COVE	1,052	23	1
BAYFIELD	764	22	1
HAVRE BOUCHER	514	11	1
LIVINGSTONE'S COVE	309	7	1
BARRIOS BEACH	376	8	1
CRIBBONS POINT	1,201	27	2
PUGWASH	399	9	1
WALLACE	712	16	1
CHETICAMP	1,415	31	2
GRAND ETANG	1,197	27	1
MARGAREE HARBOUR	1,398	31	2
PLEASANT BAY	755	17	1
FINLAY POINT	558	12	1
INVERNESS	860	19	1
LITTLE JUDIQUE HARBOUR	474	11	1
LITTLE JUDIQUE PONDS	456	10	1
MABOU HARBOUR	300	7	1
MURPHY'S POND	1,156	26	2
BAXTER'S COVE	533	12	1
AULD'S COVE	301	7	1
			36

Table 13 - GNS Observer Requirement – Summer/Fall Fishery

Wharf	# of Trips	Avg # of Offloads Each Day	Observer Requirement
PUGWASH	332	7	1
			1

The resulting estimate of # of observer requirement is as follows:

- Spring Season (49 in PEI, 31 in NB, and 36 in NS); and
- Summer/Fall Season (12 in PEI, 21 in NB, and 1 in NS).

These figures are an estimate to provide monitoring services for the ports with over 300 landings in the season, with the acknowledgement that additional observers will also be required in the smaller, less busy ports. In discussing these estimates with DMCs, it was noted by the DMCs that one needs to take into consideration the number of landing stations/the number of buyers for each port to get a more accurate estimation. This information was collected, and the assessment of staff requirements is addressed in Task 2.1.4.

Additional staff for data entry for the likely increased demand was not quantified during the initial review, but DFO staff considered this increase could be more easily managed than the demand for observers. An assessment of staff requirements for data entry is also addressed in Task 2.1.4.

For other fisheries that have a DMP, the DMC office staff responsible for data entry also receive the initial hail-in call from the boat captain. The majority of the DMCs indicated that using a traditional hail-in protocol would not be feasible given the volume associated with lobster boat arrivals. Several referred to the fall herring model where the buyer calls the DMC with the arrival time of the first boat and expected total number of boats and the DMC sends the required number of observers to the port. This fall herring model solution might not work given the large number of lobster boats involved. This solution and any other potential solutions would have to be closely monitored to ensure that the integrity and delivery of the DMP is not jeopardized. When the electronic log (ELOG) is fully implemented, hail-ins may no longer be required, particularly since most vessels depart and return on the same day. The importance of using technology to enhance data exchange while reducing paperwork and staff requirements was also emphasized by DMCs.

2. Costs and Charges. It was agreed by all DMCs that the fishers should pay a fee for the services either as a lump sum at the outset or an amount for each landing. Most DMCs envisage that the buyers would also pay an amount as a lump sum or rate by the hour. Current practice is for price details to be negotiated between the DMCs and the fishers/buyers. Costs are outlined under Task 2.1.5.

3. Data Entry and Log Book. DFO identified that the current logbook used by lobster fishers does not collect sufficient data. To ensure the necessary data is collected, it was recommended that the current log book be revised to provide a section for Weigh-Out information and Verification/Confirmation/Signature by the Dockside Observer. Although not a requirement from the DMC perspective, DFO has stated that information from the fishers should include:

- How much lobster is taken out of the water;
- # of traps; and
- Where the lobster was taken (Lat/Long or grid).

While the first two items are accounted for in the current log book, the third item – which is only broken down into which half/third/quarter of the LFA the captain fished – needs to be improved, either with a latitude/longitude or a grid (similar to what is in use in LFA 36/LFA 38 in the Maritimes Region) that further refines where the lobster are being caught. The installation of a Vessel Monitoring System

(VMS) on lobster boats would provide accurate positional information like boats fishing other species. Further discussion regarding the log book is addressed in Task 2.1.3.

4. Implementation While the DMCs agreed that the implementation should be progressed in a staged, timely fashion, not all companies indicated that the staging should necessarily include a steady increase in percentage of monitoring over time. One recommendation was to conduct a pilot project in one LFA or LFA sub-section funded by DFO. Another recommendation was that DMCs simply identify different ports for focus and send the required number of observers to conduct the monitoring for certain periods: this approach would help to alleviate the expected challenges in finding sufficient staff. Another stakeholder suggested having the DMCs do all the data entry during the first year while preparing for monitoring the second year. Overall, a phased approach to implementation in a staged, timely fashion was generally agreed by most stakeholders.

To address the issue of the minimum number of fishers needed at each wharf, it was recommended that there should be designated ports for offloading to alleviate the challenge in providing observers for every port with a small number of fishers. The large number of ports in the region, coupled with the fact that some ports have a small number of fishers points to the reality that achieving 100% catch monitoring in the lobster fishery is a significant challenge. It is likely that designating ports for offloading would be a challenge for some fishers and may have an impact on funding for small harbours if they were not used.

In summary, it was identified that the current DMP does not have the capacity to provide monitoring service for the lobster fishery and would need some augmentation to meet this requirement. The extent of the gap in capacity and potential solutions are addressed in Task 2.1.4. Once the decision is made by DFO on how to proceed, DMCs will need to be proactive in adapting their business models to meet the monitoring demands in an efficient and cost-effective manner. Additionally, DFO would require more due diligence from DMCs while overseeing the companies' transition to increased monitoring responsibilities for the lobster fishery. Companies would need to map their current business processes, in order to implement necessary changes to manage this significant increase in activities. Changes could be facilitated with support from The Atlantic Fisheries Fund, which provides support for innovations that help increase productivity, quality and sustainability in the fish and seafood sector.

Development


Task 2.1.3 - Develop an implementation plan that will ensure that the lobster Catch Monitoring data system includes data that will be entered in the DFO informatics system: Gulf Fishery Information System (GFIS), which is Oracle base for now.

The goal of this task is to provide the common factors and details for the development of a catch monitoring implementation plan. This plan takes into consideration the lobster catch monitoring data system which includes data that will be entered in the DFO informatics system, GFIS, including landings and logbook data. The potential new system that will be implemented (current timeline of 2020) due to the Ecosystem Fisheries Management Systems Integration was also considered.

As part of the current DMP for other species, vessels are required to hail-in to a DMC. The DMC receiving the call will complete a hail-in sheet with the information passed by the boat captain, which will include the estimated weight of the catch and estimated time of arrival at a specified port. The DMC will assign a dockside observer to arrive at the port 15 minutes prior to the boat's offloading time. The observer will follow the procedures outlined in the DFO publication National Dockside Monitoring Program Policy and Procedures which include verifying the weight of the catch, confirming that all fish have been offloaded from the vessel, signing the log book, and taking the DMC copy of the log book sheet to the DMC office where the required information is entered into the GFIS.

While the standard procedures for the vessel arriving at port to offload the catch will not change significantly for dockside monitoring for the lobster fishery, it is not considered feasible to use a hail-in protocol for lobster due to the size and complexity of this industry. The requirement to hail-in may be feasible when a fishery has a relatively small number of vessels or if the vessels conduct trips over several days. In the case of the lobster fishery where, during the spring season, there will easily be well over 1500 vessels landing their catch each day, the DMCs would be overwhelmed without some form of automated call centre capability. As mentioned in Task 2.1.2, it would be simpler and more efficient if the buyers call the DMC with the arrival time of their first boat and expected total number of boats, and the DMC sends the required number of observers to the port. However, without the buyers maintaining accurate arrival information and timely assignment of observers by the DMCs, the integrity of the DMP could be adversely affected or delays in offloading the catch could be encountered. Due to the short duration of the two Gulf Region lobster fishing seasons, most fishers will try to maximize their number of trips when the conditions are suitable. While there will be daily fluctuations in the activity in each port, it is expected that the DMCs would soon gain an understanding of the average amount of activity and allocate their resources accordingly.

With the implementation of a catch monitoring program, data entry into the GFIS could be straightforward and very similar to what the DMCs currently do for other species. The difference with the lobster industry will be in the volume of data resulting from up to 120,000 trips. The other significant aspect regarding data entry is that the current lobster log book does not provide the necessary information required to be entered into GFIS.



Fisheries and Oceans
Pêches et Océans

Lobster fishery logbook
Journal de bord - Pêche du homard

No. L 0008876

Licence holder Name:
Nom du détenteur du permis _____

Lobster Licence no.:
No. de permis du homard _____

Vessel Name:
Nom du bateau _____

Vessel Registration Number (VRN):
Numéro d'enregistrement du bateau (VRN) _____

Logbook Zone:
Zone de Journal de Bord _____

Date (YY-mm-DD) (JJ-JJ-M-AAAA)	Landing Port Port de débarquement	Fishing Location (see map) Lieu de pêche (voir carte)	Traps / Crevasses		Catch estimates in lbs. landed and/or used for bait Estimer des captures en lbs. débarquées et/ou utilisées pour appât				Comments (Optional) Commentaires (Optionnels)
			# hauled # levés	Soak days Jrs. tremp.	Lobster / Homard	Rock crab Crabe rocher	Cunner Touache	Sculpin Ouletaine	
					Canner Poids	Market Gros			

Licence holder / détenteur

Détenteur de permis / titulaire délégué

Signature

Figure 2 - Sample Page - Current Lobster Log Book

As shown above, the current lobster fishers log book used has sections that contain the following information:

1. Licence Holder Name;
2. Lobster Licence No.;
3. Vessel Name;
4. Vessel Registration No. (VRN);
5. Logbook Zone (lobster fishing are where the fishing occurs – see map below);
6. Date (date fished);
7. Landing Port;
8. Fishing Location - i.e. 23-A, 23-B, 23-C, 23-D, 24-1, 24-2 etc. (see map below);
9. Number of Traps Hauled;
10. Soak Days (number of days the traps were in the water);
11. Catch Estimates for lobster (canner/market), rock crab, cunner and sculpin (include used bait);
12. Comments (Optional); and
13. Signature of Licence Holder.

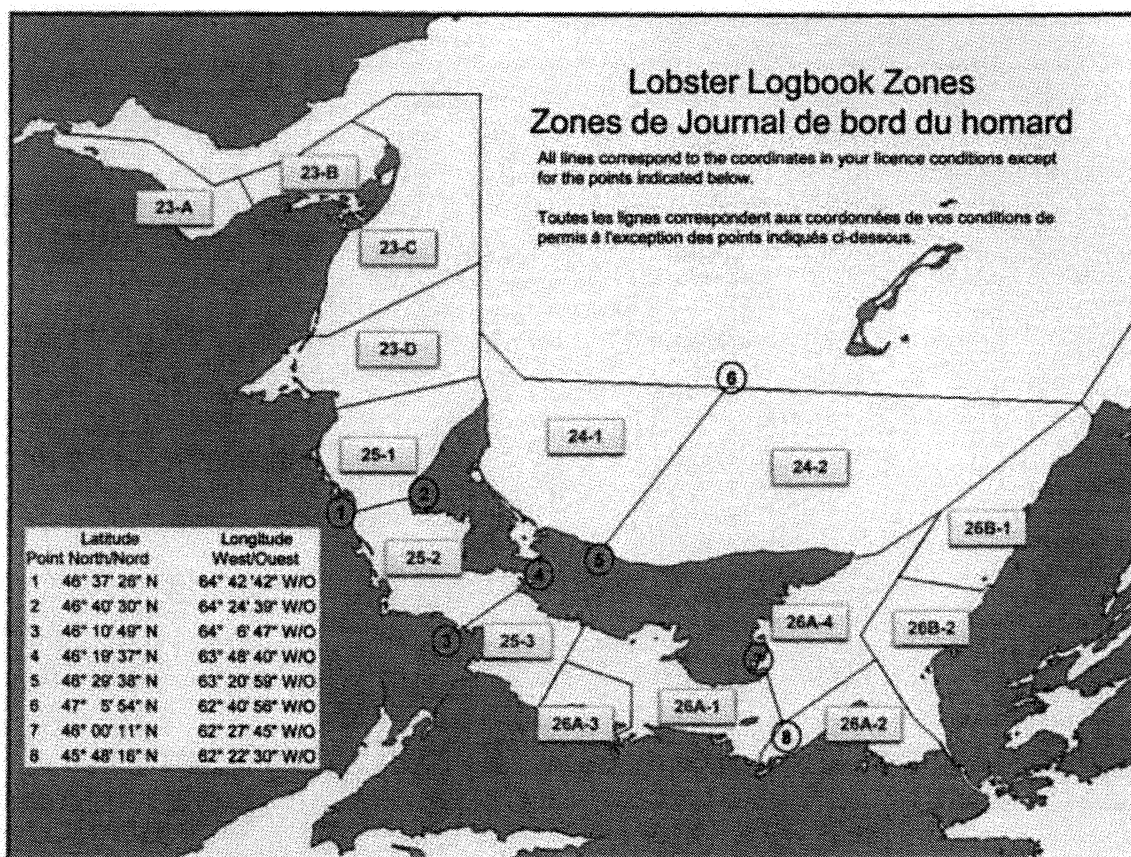


Figure 3 - Lobster Log Book Zones

Each page of the log book has space to cover seven days and instructions state that the reports are to be mailed weekly to the Statistics Division. However, current licence conditions state that the log sheets are to be mailed every month. As a result, some fishers still send a copy every week, while others send in their sheets once a month.

To ensure a composite collection of information to support catch monitoring as required by DFO, sections that would need to be added to the log book with the implementation of catch monitoring includes:

1. Weigh out Information (date sold/buyer/actual weight/price);
2. More precise fishing location information with coordinates (Latitude/Longitude) or the use of a grid system; and
3. Dockside Observer signature/confirmation number.

It has been emphasized by DFO that complete and integrated information on catch and fishing location from the fishers is required to properly assess lobster stocks and the fishery status. In the current log book, fishing location is only divided into which half/third/quarter of the LFA was fished. DFO stated

that this information is not considered sufficient and needs to be improved, either with VMS, Latitude/Longitude or a grid that further refines where the lobster is being caught. The implementation of this type of grid system would require the services of a geographical information system (GIS) technician.

An additional section to report the number of crew including the captain could also be added to contribute to an accurate figure for total number of participants.

The amended log book could continue to cover seven days or be expanded to cover up to a month.

The decision regarding the final format should consider the future ELOG. Once DMP implemented and the ELOG is used by all fishers, the data entry task will no longer be undertaken by the DMCs as the weigh-out information would be verified by the dockside observer and could be automatically entered into the GFIS.

In summary, catch monitoring in the lobster fishery would work with the similar procedures to other fisheries except for the hailing in requirements for each individual fisher. Additionally, either or both the current log book and future ELOG would need to be amended to include weigh out data that could be entered after entering the port with accompanying signature blocks and more precise fishing location information. An amended log book should reflect the information that will be included in the ELOG for the lobster fishery to enable a future transition to ELOG.

Specific options for the implementation of catch monitoring are examined in the Options Analysis section of this report.

Task 2.1.4 - Provide Recommendation of Staffing Requirements.

The goal of this task is to review current staff requirements and compare the use of college/university students, current or new monitoring company employees, and DFO's staffing capacity in the implementation of catch monitoring.

In addressing this task, the two areas of consideration for the DMCs were the requirement for dockside observers and data entry staff. Additionally, from the DFO perspective, the implementation of catch monitoring will impact the Statistics Division with a potential increase in data management and more demand of C & P services as noted below.

Dockside Observers

The most significant challenge associated with the implementation of catch monitoring in the Gulf Region lobster fishery is the increased demand for resources to conduct the dockside monitoring and the change in the DMCs' business model that this would entail. The initial discussions with the DMCs confirmed that there would be a significant demand for observers, but this number is difficult to quantify. As outlined in Task 2.1.2, an initial estimate was developed by assessing the average number of landings per day for the major ports assuming four landings could be monitored each hour by a dockside observer. This estimate resulted in a requirement for 116 observers for the spring season and 34 observers for the Summer/Fall season which is roughly in line with the current observer cadre (approximately 100).

During the on-site visits, the DMCs indicated that the current number of resources for dockside monitoring is insufficient to address a 100% catch monitoring regime. DMCs and the Area Offices recommended considering the number of buying stations at each port as a foundation for calculating the requirement for observers with one observer required to monitor each buying station, particularly at the busiest ports. To provide an estimate of dockside monitoring resources, the data for buyers and buying stations was obtained primarily with the help of the Area Offices, information from DFO Statistics and some harbour authorities. The tables below provide the results of these calculations for each Gulf administrative area for the spring and summer/fall fishing seasons.

Table 14 - Spring Season Observer Estimate – PEI

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
NAUFRAGE	3,185	72	7	7	7
NORTH LAKE	4,111	88	11	12	12
RED HEAD	1,405	32	4	4	4
SAVAGE HARBOUR	1,614	24	3	3	3
SEACOW POND	2,019	49	2	2	2
TIGNISH RUN	6,082	134	3	4	4
NORTHPORT	3,857	80	2	2	2
DARNLEY	129	6	0	0	0
ELLERSLIE	50	5	0	0	0
MALPEQUE	1,304	30	3	3	3
LENNOX ISLAND	917	23	2	2	2

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
MILLIGAN'S WHARF	1,135	26	3	3	3
FRENCH RIVER	1,502	34	4	4	4
NORTH RUSTICO	1,636	36	3	3	3
STANLEY BRIDGE	75	2	1	1	1
NEW LONDON	275	6	1	1	1
COVEHEAD	638	14	2	2	2
TRACADIE	1,109	22	3	3	3
NINE MILE CREEK	462	11	2	2	2
VICTORIA	43	3	0	0	0
PINETTE	51	1	1	1	1
WOOD ISLAND	577	11	2	2	2
MACAULAYS WHARF	293	6	1	1	1
BEACH POINT	2,894	68	5	5	5
GEORGETOWN	1,469	31	2	2	2
LAUNCHING	1,950	41	4	4	4
LOWER MONTAGUE	163	4	1	1	1
MONTAGUE	366	8	1	1	1
NEWPORT	104	2	0	0	0
STURGEON	356	7	1	1	1
GRAHAM'S POND	2,162	47	3	3	3
MACHON POINT	1,460	41	1	1	1
MINK RIVER	247	7	1	1	1
SOURIS	1,794	34	5	5	5
ANNANDALE	1,855	38	3	3	3
FORTUNE	1,124	20	2	2	2
	48,413	1063	89	91	91

Table 15 - Summer/Fall Season Observer Estimate – PEI

Wharf	Ports	Licences	Buyers	Buying Stations	Observers
HOWARD'S COVE	2,280	39	3	3	3
MIMINEGASH	1,925	40	3	3	3
SKINNER'S POND	3,567	73	2	2	2
WEST POINT	1,451	28	4	4	4
BORDEN	120	3	0	0	0
CAPE EGMONT	334	6	2	2	2
EGMONT BAY	627	12	2	2	2
HIGGINS WHARF	459	10	2	2	2
	10,763	211	18	18	22

Table 16 - Spring Season Observer Estimate - ENB

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
NEW MILLS	614	15	1	1	1
POINTE-VERTE	291	21	1	1	1
PETIT-ROCHER	155	16	2	2	1
MILLER BROOK WHARF	236	22	2	2	2
STONEHAVEN	1,229	29	3	3	3
GRANDE-ANSE	18	2	0	0	0
ANSE-BLEUE	294	20	0	0	0
CARAQUET	151	17	1	1	1
BAS CARAQUET	395	18	2	2	2
SHIPPAGAN	156	12	2	2	2
SAVOY LANDING	88	5	2	2	2
LAMEQUE	58	1	0	0	0
PETIT SHIPPAGAN	941	22	2	2	2
MISCOU HARBOUR	2,730	65	5	6	6
PIGEON HILL	1,382	60	5	8	8
STE MARIE/ST.RAPHAEL	588	24	4	6	4
INKERMAN	547	17			1
LE GOULET	497	53	5	5	5
TRACADIE	90	5			1
VAL-COMEAU	2,286	42	4	4	4
MCEACHERN'S POINT	1,761	38	6	6	6
BAS-NEGUAC	347	18	0	0	0
NEGUAC	1,849	49	3	3	3
BURNT CHURCH	1,184	30	2	2	2
BAIE STE ANNE	35	1			0
ESCUMINAC	3,947	81	3	5	5
	21,869	683			62

Table 17 - Summer/Fall Season Observer Estimate - ENB

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
POINTE-SAPIN	2,224	71	5	5	5
LOGGIECROFT	1,202	35	5	5	5
CAP ST. - LOUIS	1,070	37	4	4	4
RICHIBUCTO	1,624	68	6	6	6

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
CAP LUMIERE	1,397	40	3	2	2
COTE STE. ANNE/CHOCKPISH	673	25	2	2	2
ST. EDOUARD	361	13	2	2	2
ST. THOMAS	233	6	1	1	1
COCAGNE BAR	486	14	2	2	2
CAISSIE'S CAPE	603	13	2	2	2
ROBICHAUD	272	7	1	1	1
LES ABOITEAUX	985	24	2	2	2
BAS CAP PELE	276	7	0	0	0
BOUCTOUCHE	62	2			1
PETIT CAP	724	21	3	3	3
BOTSFORD	1,133	24	3	3	3
CAPE TORMENTINE	545	11	2	2	2
POINTE DU CHENE	160	4			1
	14,030	422			44

Table 18 - Spring Season Observer Estimate – GNS

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
BARRACHOIS	308	7	1	1	1
CARIBOU/FERRY WHARF	2,050	47	3	3	3
CAPE JOHN	555	12	3	3	3
TONEY RIVER	1,109	23	2	2	2
SKINNER'S COVE	464	10	2	2	2
LOGAN'S POINT	777	34	1	1	1
PICTOU ISLAND WEST	221	10	1	1	1
BIG ISLAND	48	1	1	1	1
LISMORE	1,426	31	2	2	2
LITTLE HARBOUR	567	12	1	1	1
PICTOU LANDING	777	18	2	2	2
ARISAIG	1,139	24	2	2	2
BALLANTYNE'S COVE	1,052	22	3	3	3
BAYFIELD	764	18	2	2	2
HAVRE BOUCHER	514	12	3	3	3
LIVINGSTONE'S COVE	309	5	2	2	2
TRACADIE	62	3	3	3	3
BARRIOS BEACH	376	9	2	2	2
CRIBBONS POINT	1,201	26	3	3	3
PUGWASH	399	10	3	3	3

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
MALAGASH	224	5	1	1	1
WALLACE	712	17	2	2	2
CHETICAMP	1,415	31	3	3	3
GRAND ETANG	1,197	25	4	4	4
MARGAREE HARBOUR	1,398	28	4	4	4
PLEASANT BAY	755	17	2	2	2
CREIGNISH	8	3	2	2	2
FINLAY POINT	558	14	2	2	2
INVERNESS	860	22	3	3	3
LITTLE JUDIQUE HARBOUR	474	11	2	2	2
LITTLE JUDIQUE PONDS	456	10	1	1	1
MABOU HARBOUR	300	10	3	3	3
MURPHY'S POND	1,156	27	3	3	3
PORT HOOD	35	1	1	1	1
BAXTER'S COVE	533	11	1	1	1
AULD'S COVE	301	8	2	2	2
	24,500	574	78	78	78

Table 19 - Summer/Fall Season Observer Estimate – GNS

Wharf	Trips	Licences	Buyers	Buying Stations	Observers
NORTHPORT	48	1	1	1	1
PUGWASH	332	9	3	3	3
	380	10	4	4	4

Based on the above statistics, it was assessed that the number of buying stations in the Gulf Region is 231 for the spring season and 70 for the summer/fall season. Hence, using the recommended approach, the estimated requirement for observers for each area is summarized below:

- Prince Edward Island - 91 Spring/22 Summer/Fall;
- Eastern New Brunswick - 62 Spring/44 Summer/Fall; and
- Gulf Nova Scotia - 78 Spring/4 Summer/Fall.

Total – 231 Spring/70 Summer/Fall

Recognizing that these numbers do not consider fluctuations in the demand on a given day, or the efficiencies that would be developed over time, a 10% margin of error was introduced. As a result, the estimated number of observers required for 100% catch monitoring for the Gulf Region is assessed to be approximately 210-250 for the spring season and 60-80 for the summer/fall season depending on the location.

Currently, the DMCs employ approximately 90-100 dockside observers in the Gulf Region. Hence, to achieve 100% catch monitoring, significantly more observers would be required. It was noted during discussion with DMCs that some of the companies are already very busy during the lobster season with no surplus while others would be able to use some of their current staff to help handle the increased demand. There is the possibility to hire college/university students for the spring season, but these candidates would not likely be available for the Summer/Fall season due to academic commitments. Nevertheless, if sufficient observers are found for the spring season, it is possible that there would be sufficient numbers to manage the reduced requirement in the Summer/Fall. Current observers, who are not working or are not busy during the lobster season, could benefit also from this opportunity, and there will be some situations where an observer who is monitoring the landing of other species could also be able to monitor lobster at the same port, particularly if the same buyer is involved. These options will need further validation through other means like interviews or a survey which is outside the scope of this study.

Data Entry Staff

There is an impact on both DFO and DMC data entry staff with respect to data entry without ELOG in full operation. If the DMCs assume responsibility for all aspects of catch monitoring, it is highly likely that they will have to increase staff who enter the log book information into the GFIS. If DMCs were responsible for data entry, this situation would significantly decrease the data entry requirements of the Statistics Division which could enable an opportunity to shift more of the focus to data analysis.

Table 20 - DMC Staff Requirements - Data Entry

	Trips	Data Entry Time in Minutes	Data Entry Time in Hours	Data Entry Time in Days	Minimum # of Data Entry People Required
PEI Landings Spring	48,413	484,130	8,069	1,009	4
PEI Landings Summer/Fall	10,763	107,630	1,794	224	1
NB Landings Spring	25,295	252,950	4,216	527	2
NB Landings Summer/Fall	10,604	106,040	1,767	221	1
NS Landings Spring	24,500	245,000	4,083	510	2
NS Landings Summer/Fall	380	3800	63	8	0
Total	119,955	1,199,550	19,993	2,499	10

With an expected 120,000 trips per year and assuming it would take about 10 minutes to enter the data for each trip, it is estimated that entering lobster landing data into the GFIS would require at least 10 full-time staff for a year. The Statistics Division currently have four to five full time staff who are engaged in entering purchase slip data and also engages three part-time staff for four months to enter lobster log book data. While the number of DFO employees is slightly smaller than the estimate shown above, the six DMCs would all likely have to hire at least one additional person for data entry. With ELOG in the lobster fishery potentially starting next year, the implementation of the ELOG will reduce

the requirement for data entry staff. The implementation should not be conducted in isolation of catch monitoring and the outcomes will need to be closely monitored to understand the mutual impacts.

DFO Staffing Capacity

From the DFO perspective, the implementation of catch monitoring in the lobster fishery could impact C&P in the Area Offices and will affect the Statistics Division.

The implementation of lobster catch monitoring will likely see increased surveillance requirements or possibly a higher demand for investigations which could result in either a shift in focus from other species to lobster, or a possible requirement for additional staff in C & P to handle the workload.

As noted, the implementation of catch monitoring in the lobster fishery is suspected to have the most significant effect on the Statistics Division for data entry and management. The current process for data entry of lobster catch information is a time-consuming process that accounts for a significant amount of the workload in Statistics. The log book provides an estimate of the catch weight but does not provide the actual weight or the price received by the fisher. This information is gathered from the buyers' sales slips. As a result, key information that should be on one form is being sent to the Statistics Division by the buyer and fisher, requiring extra work to match up the information and resolve discrepancies.

Another challenge regarding lobster information is that the fishing effort and catch data do not match in the Gulf Fishery Information System as they do for other species where a DMP is in place. The capability to link the log book data with the weigh-out to a common trip ID number does not exist for lobster data. The ELOG and more efficient data capture could be introduced to rectify this situation. This work would likely take at least six months, but the timing for implementation and an assessment of associated costs will need to be confirmed by DFO. It must be noted that the timeframe for the implementation of ELOG reporting will influence the requirement for data entry. Once ELOGs are fully implemented in the lobster fishery, the data entry requirements will be significantly reduced. Additionally, if configured properly, the ELOG data submission would also provide the fishing location data required by DFO without any requirement to develop the grid system discussed in Task 2.1.3.

Once catch monitoring is fully implemented and data entry is performed by the DMCs or automatically transmitted through the ELOG, there is a potential benefit where the emphasis in the Statistics Division could shift from data input to ensuring data quality and conducting data analysis.

In summary, it is estimated that the implementation of catch monitoring in the Gulf Region lobster would require an addition of approximately 200-250 staff in the DMCs. From the DFO perspective, the Statistics Division will be affected in the transition phase as staff switch from data entry to data analysis and Informatics will likely require additional resources to implement the associated programming changes. After implementation the Statistics Division would be able to focus more on data management and analysis. Area Office C & P Divisions may require either additional staff or a shift in focus to handle a potential increase in enforcement or investigative activity.

Task 2.1.5 - Provide a Cost Analysis.

The goal of this task was to review a shared cost model in relation to industry led costs to provide a detailed implementation plan including phased-in options, and milestones.

The DFO estimate for a dockside monitoring pilot project for 2003 was approximately \$3 million or approximately 1.4% of the value of landings (\$209 million*).

Table 21 – DFO Cost Estimates for 2003 Pilot Project

Lobster Fishing Area	23	24	25	26A	26B
Number of Fishers	722	614	793	749	251
Number of Trips*	37,984	31,556	30,235	36,071	11,790
Avg # of Landings per Season	54	50	36	48	49
Cost for Weight Verification	\$540.00	\$500.00	\$360.00	\$480.00	\$490.00
Cost for Fisher for Data Entry	\$18.00	\$17.00	\$15.00	\$16.00	\$17.00
Total Cost per Fisher	\$558.00	\$517.00	\$375.00	\$496.00	\$517.00
Cost to Buyer per Fisher	\$540.00	\$500.00	\$360.00	\$480.00	\$490.00
Total Cost - Fishers and Buyers	\$1,098.00	\$1,017.00	\$735.00	\$976.00	\$997.00
Total Cost	\$792,756.00	\$624,438.00	\$582,855.00	\$731,024.00	\$250,247.00

*Based on 2001 data

In order to provide an updated and comparable cost analysis for this 2018 study, the same factors were used for this cost analysis: data entry costs and monitoring costs. The figures in Table 21 assumed a cost of \$20.00 per trip shared between the fishers and the buyers and a cost of \$15.00 to \$18.00 per fisher for data entry.

Considering inflation between 2001 and 2018 (134.4%), today's equivalent cost would be approximately \$34.00 per trip. This figure was approximately the same amount indicated for other species in anecdotal discussions with some of the DMCs. As it is understood that specific price arrangements will be resolved among the DMCs and their clients in each area, this analysis was conducted using a price of \$30-\$40 per trip for 120,000 trips, which includes approximately \$600,000 for data entry. The total number of landings is based on the 2016 number of 119,955 rounded up to simplify the analysis. The data entry estimate is based on approximately 20,000 hours of work as depicted in Table 16, which equates to \$5.00 per trip. If DMCs were to provide data entry services only, the cost was estimated to be approximately \$600,000.

The table below shows a corresponding decrease in data entry costs that are folded into the overall charge for the monitoring services. If the data entry work continued to be completed by DFO, the costs shown below would not factor into the assessment, but it is likely that some data entry following the dockside monitoring would be done by the DMCs.

The higher end cost of \$4.8 million (120,000 trips at \$40 per trip) equates to approximately 1.3% of the value of landings in 2016 (\$369 million).

Table 22 - Cost Estimates

Year	Data Entry	Monitoring	Total Program Cost
2019	\$540,000	10% - \$420,000 - \$540,000	\$960,000 - \$1,080,000
2020	\$450,000	25% - \$1,050,000 - \$1,350,000	\$1,500,000 - \$1,800,000
2021	\$300,000	50% - \$2,100,000 - \$2,700,000	\$2,400,000 - \$3,000,000
2022	\$150,000	75% - \$3,150,000 - \$4,050,000	\$3,300,000 - \$4,200,000
2023		100% - \$3,600,000 - \$4,800,000	\$3,600,000 - \$4,800,000

Although the standard in today's fisheries is that industry bears the cost of catch monitoring, DFO resources could be allocated to support the implementation process. As DFO funding in support of the implementation plan will be available for fiscal years 2019-2020 and 2020-2021, an option would be for DFO to assume responsibility for costs during the first year, share costs with industry in the second year and move to industry led costs in the third year and beyond. Using the higher end of the cost model, DFO would pay \$1,980,000 in the first two years. Industry would pay \$900,000 in the second year and have increasingly larger costs each year thereafter as the implementation moves towards 100% dockside monitoring.

Table 23 - DFO/Industry Payments

Year	Total Program Cost	DFO Share	Industry Share
2019	\$960,000 - \$1,080,000	\$960,000 - \$1,080,000	
2020	\$1,500,000 - \$1,800,000	\$750,000 - \$900,000	\$750,000 - \$900,000
2021	\$2,400,000 - \$3,000,000		\$2,400,000 - \$3,000,000
2022	\$3,300,000 - \$4,200,000		\$3,300,000 - \$4,200,000
2023	\$3,600,000 - \$4,800,000		\$3,600,000 - \$4,800,000

Considerations related to costs are discussed further in the Options Analysis section.

Best Practices

National and international research was conducted to search for best practices to further inform this study. Best practices that were applicable to the Lobster study are:

1. Mexico Study - Monitoring the Gulf of Mexico Commercial Reef Fish Fishery;
2. British Columbia - several case studies regarding the use of electronic monitoring/DFO IFMP Summary;
3. United States - Electronic Monitoring;
4. Norway - Institute of Marine Research (IMR);
5. Australia - Rock Lobster Fishery; and
6. New Zealand - Rock Lobster Management

Monitoring the Gulf of Mexico Commercial Reef Fish Fishery¹ noted the importance of having an electronic standardized template developed and implemented as soon as practicable and that the information from logbooks, dealer reports and VMS should be entered into a single system to allow for data merging, checking and reporting. The document also referred to electronic monitoring and the use of roving monitors.

Archipelago Marine Research, a provider of marine resource management products and services based in Victoria, BC, outlines several case studies regarding the use of electronic monitoring, including the Area A crab fishery in northern BC². The DFO IFMP Summary³ (Crab by Trap, Pacific Region) confirms that in 2013 commercial electronic monitoring programs expanded to include cellular vessel tracking in all areas, (except Area "A" where cameras are employed). Commercial camera electronic monitoring was also implemented in Area B in 2016.

In a United States based article entitled Electronic Monitoring: Different Fisheries Require Different Solutions, National Oceanic and Atmospheric Administration emphasizes that each fishery will have different requirements that will guide the optimum solution for electronic monitoring⁴.

Norway uses a Reference Fleet which is a small group of Norwegian fishing vessels that provide the Institute of Marine Research (IMR) with detailed information about their fishing activity and catches on a regular basis. Data captured by the Reference Fleet is used for management purposes including stock assessment.⁵

The Australian Department of Primary Industries and Regional Development⁶ describes the rock lobster fishery as an Individually Transferable Quota (ITQ) fishery with a harvest strategy that uses maximum economic yield as its management target. The total landings by the 226 commercial vessels in 2016

¹ <http://www.fao.org/tempref/docrep/fao/010/a1497e/a1497e26.pdf>

² <http://www.archipelago.ca/case-studies-fisheries-monitoring-technology/>

³ <http://www.pac.dfo-mpo.gc.ca/fm-gp/mplans/2018/crab-crabe-sm-2018-eng.pdf>

⁴ <https://www.fisheries.noaa.gov/feature-story/electronic-monitoring-different-fisheries-require-different-solutions>

⁵ <http://www.imr.no/temasider/referanseflaten/referanseflaten/en>

⁶ http://www.fish.wa.gov.au/Documents/sofar/status_reports_of_the_fisheries_and_aquatic_resources_2016-17.pdf (pages 32-36)

were 6,095t. It has historically been Australia's most valuable single species wild capture fishery and, in 2000, became the first fishery in the world to achieve Marine Stewardship Council (MSC) Certification. In 2017 it was the first fishery globally to be certified by MSC for the fourth time. An important aspect to how western rock lobster has achieved this world-class status is the predictive science dating back half a century behind ensuring the sustainable management of the fishery. In the 1960s CSIRO scientist Dr Bruce Phillips developed a technique which allowed the capture of the puerulus (post-larval stage) of western rock lobster which has subsequently been used to accurately predict the catch up to four years in advance.⁷ Australia monitors commercial fishing through compulsory catch and effort records from fishers and processors, data from a voluntary log book scheme and onboard commercial monitoring by staff.⁸

An article by Tracy Yandle entitled Rock Lobster Management in New Zealand: The development of Devolved Governance⁹ states that there has been a consistent pattern of industry involvement in, and often initiation of, innovative management practices such as logbook programmes and electronic data collection and reporting programmes.

In summary, there are some aspects of these best practices that would not directly apply to the Gulf Region lobster fishery where there are no quotas, there are similar elements that can be found in many sustainable fisheries. These include the importance of continued dialogue/communication among all stakeholders, as the use of technology such as a Vessel Monitoring System (VMS), the implementation of ELOG and electronic catch monitoring.

⁷ <http://www.fish.wa.gov.au/Fishing-and-Aquaculture/Commercial-Fishing/Commercial-Fishing-Management/Pages/Case-Study.aspx>

⁸ <http://www.fish.wa.gov.au/Species/Rock-Lobster/Lobster-Management/Pages/default.aspx>

⁹ <http://www.fao.org/tempref/docrep/fao/010/a1497e/a1497e26.pdf>

Options Analysis

In conducting this study on the feasibility of fishery monitoring and catch reporting, two issues needed to be addressed: feasibility and if feasible, options for implementation. From a feasibility perspective, the implications included:

- 1) People – resources to support the Program;
- 2) Data Entry – capability to capture and analyze data;
- 3) Costs and Charges– Program costs and acceptance of charges; and
- 4) Implementation – ability to implement program over specific time period

Overall, it is feasible to implement a catch monitoring program based on the following:

- 1) People – sufficient resources can be sourced to support the Program. However, these resources need to be developed over time (and trained) to ensure successful implementation;
- 2) Data Entry – the current ability capability to capture and analyze data provides a foundation for catch monitoring, but more information and automation in data entry is needed to ensure the success of the Program;
- 3) Costs and Charges– a balance in Program costs and acceptance of charges will be needed. Program costs are easier to implement over time with budget planning and allocations. The balance between government and user pay costs needs further evaluation; and
- 4) Implementation – the ability to implement the Program over specific time periods is addressed below.

The following are possible options for implementing catch monitoring in the Gulf Region lobster fishery commencing in 2019:

1. Full 100% monitoring;
2. Partial monitoring (10%-100%);
3. Data entry only;
4. Pilot project in one LFA or sub-area of a LFA;
5. Delay Monitoring until 2020; or
6. ELOG

Option 1 - Full 100% Monitoring

This option calls for full dockside monitoring services in every port where lobster is landed with accompanying data entry.

Advantages:

- Supports recognition of requirement for catch monitoring by DMCs and DFO;
- There are no discrepancies in information - fishers/buyers throughout the region are operating under the same conditions;
- Increased employment opportunities in each province;
- Help identify trends, challenges and problems quickly; and
- Potential to reach desired end state of sustainable lobster fishery more quickly.

Disadvantages

- Risk that DMCs do not have time to develop new business model, potentially overwhelming DMCs in hiring/training/deploying sufficient observers to handle the increased workload;
- No backup if the DMCs fall short in recruitment;

- Greater potential for delays offloading the catch, thereby causing dissatisfaction among buyers/fishers; and
- Higher initial costs.

Option 2 - Partial Monitoring (commencing at 10%)

In this option, the DMCs commence dockside monitoring at an initial level of 10%. Consideration for this modest start was a stepped approach would provide a better chance for success and set the stage for phasing increased monitoring levels in subsequent years as capability and funding would support.

Advantages:

- DMCs can develop new business model
- DMCs don't need to hire/train/deploy as many observers at once;
- Ease toward achieving desired end state;
- Greater flexibility to move observers around to get the required coverage;
- Decreases the risk of failure;
- Decreases the likelihood of having delays in offloading and causing dissatisfaction among buyers/fishers; and
- Lower initial costs.

Disadvantages

- Higher likelihood of having missing/inaccurate catch data until full implementation is realized; and
- Incomplete information on catches could potentially impact analysis.

Option 3 - Data Entry Only

In this option, the DMCs do not provide dockside monitoring and use the fishers log book sheets to enter the landing data into GFIS.

Advantages:

- Provides greater lead time for DMCs to prepare for full catch monitoring;
- DMCs/fishers/buyers can establish a working relationship in dealing with the log entries;
- DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year;
- Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations; and
- Lower initial costs.

Disadvantages

- No verification of what is being caught for first year;
- Could adversely affect current arrangements in Statistics Division for part time data entry staff; and
- Greater likelihood of having missing/inaccurate catch data.

Option 4 - Pilot Project in One LFA/Sub LFA

In this option, only one area would be involved in dockside monitoring. The scope of the pilot project could be further reduced to a small number of ports in one LFA or each LFA throughout the Gulf Region.

Advantages:

- Allows testing of implementation plan on a smaller scale to provide lessons learned for smoother transition/implementation in the rest of the region;
- Reduced cost; and
- Allow DFO resources to focus on one area.

Disadvantages:

- May not be well received in the area selected for the trial;
- Will be challenging for DMCs in selected area;
- Delays overall implementation; and
- Would require a different log book; as a result, two different logs could be in use in the Gulf Region if the other areas do not use new log book.

Option 5 – Delay Monitoring until 2020

A possible variation would be to choose one of the five options but begin implementation in 2020 instead of 2019 to enable a longer lead time for preparation/consultation with stakeholders. A component of this option could include allocating funding to the DMCs to go to each port where they expect to provide services, observe the offloading of lobster, liaise with the fishers and buyers and gain a detailed understanding of the impact dockside monitoring will have on their businesses and how to best meet the challenges of the implementation.

Advantages:

- Provides greater lead time for DMCs to prepare for full catch monitoring;
- DMCs/fishers/buyers can establish a working relationship in dealing with the log entries;
- DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for observers in the following year;
- Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations; and
- Lower initial costs.

Disadvantages

- No verification of what is being caught for first year;
- Continued likelihood of having missing/inaccurate catch data.

Option 6 – Use of ELOG with Random Checks by Compliance Officers

This option, suggested by one of the associations, involves the use of ELOG to record and transfer fishery information in real-time and conduct random checks to ensure compliance/accuracy.

Advantages:

- ELOG, once configured to capture required fishery information and fully implemented, will provide required data in real time;
- Does not affect efficiency of offloading; and
- Takes away requirement for paper log book.

Disadvantages

- Except for the random checks, does not provide independent third-party verification;

- Potential increased costs to expedite implementation of ELOG; and
- There may be delays as DFO information systems are adapted for ELOG.

The six options were developed using four key factors that were identified through:

- 1) Interviews with DMCs and area offices;
- 2) discussions with DFO;
- 3) research of supporting documentation.

To provide a quantitative weighting analysis to these considerations, the following factors were developed, and a score assigned for each variable.

Factor 1 (TIME) - Time to achieve 100% monitoring. The desired end state is 100% monitoring, but it is not considered essential that this goal be achieved immediately. Weight Factor 1.

1 year = 5
 2 years = 4
 3 years = 3
 4 years = 2
 5 years = 1

Factor 2 (COST) - Cost to DFO during the first two years (2019-2020) assuming DFO assumes all costs during the first year and costs are shared between DFO and industry in the second year. Weight Factor 3.

Under \$1,000,000 = 5
 \$1,000,000 - \$2,000,000 = 4
 \$2,000,000 - \$3,000,000 = 3
 \$3,000,000 - \$4,000,000 = 2
 Greater than \$4,000,000 = 1

Factor 3 (RESOURCES) - Resources (observers) required in first year. Weight Factor 3.

Less than 10% = 5
 10% – 25% = 4
 25% – 50% = 3
 50% – 75% = 2
 Greater than 75% = 1

Factor 4 (PRESENCE) - It is considered important to have some monitoring activity. If this is the case in the first year a score of 5 is granted. If there is no monitoring activity in the first year, the score is 0.

To determine the overall score for each option the sum of the score for each Factor was calculated as follows: Option Score = (Factor 1 x Weight Factor 1) + (Factor 2 x Weight Factor 2) + (Factor 3 x Weight Factor 3) + (Factor 4 - Yes = 5, No = 0)

Table 24 - Factor Values for Each Option

Factor	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
TIME	1 Year	5 Years	5 Years	4 Years	5 Years	5 Years
COST TO DFO	\$7,200,000	\$1,980,000	\$1,140,000	\$1,340,000	\$840,000	\$1,980,000+
RESOURCES	100%	10%	0	100%*	0	0
PRESENCE	Yes	Yes	No	Yes	Yes	Yes

* 100% for selected LFA

+ Assuming 10% monitoring

Table 25 - Overall Score for Each Option

Factor	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
TIME	5 X 1 = 5	1 X 1 = 1	1 X 1 = 1	2 X 1 = 2	1 X 1 = 1	1 X 1 = 1
COST TO DFO	1 X 3 = 3	4 X 3 = 12	4 X 3 = 12	4 X 3 = 12	5 X 3 = 15	4 X 3 = 12
RESOURCES	1 X 3 = 3	5 X 3 = 15	5 X 3 = 15	1 X 3 = 3	5 X 3 = 15	5 X 3 = 15
PRESENCE	5	5	0	5	0	5
TOTAL SCORE	16	33	28	22	31	33

After examining the advantages and disadvantages of the options and conducting the quantitative analysis, the following options were completed. In this analysis, it was assumed that DFO accepts the cost for the first year and splits the cost with industry in the second year. Additionally, although it is understood that it may be preferred to continue having DFO Statistics responsible for data entry in the early stages of the implementation, to allow for consistency in the calculations, the assessed cost of data entry is included in the calculations.

Option 1 - Full 100% Monitoring – While this is the desired end state, it is not considered feasible for 2019 or in the near term. The overall cost to DFO would be \$7.2 million (\$4.8 million in 2019 and \$2.4 million in 2020). Industry cost would be \$2.4 million in 2020. The combination of hiring challenges expected for the DMCs, changes required to data input, and incorporation of a new log book while an ELOG may also be introduced would present too many obstacles to achieve success. This is the most expensive option and it places an unrealistic demand on resources. Although attaining the desired end state of full monitoring, it is not considered feasible.

Option 2 - 10%-100% Monitoring – With this option, it would likely take five years to achieve close to 100% monitoring. DFO cost would be \$1,080,000 in 2019 and \$900,000 in 2020 for a total of \$1.98 million. Industry cost would be \$900,000 in 2020. With a relatively low cost, a measured approach for increasing demand for resources, while achieving monitoring presence in the first year, this option is both feasible and will eventually result in full monitoring.

Option 3 - Data Entry Only – With this option, it would likely take five years to achieve close to 100% monitoring. Assuming 10% monitoring in 2020, the cost to DFO would be \$600,000 in 2019 and \$540,000 in 2020 for a total of \$1.14 million while the cost to industry would be \$540,000 in 2020. This option allows for a timely build up of resources, but there is no monitoring presence in the first year. Although it is a feasible option, it is considered less desirable because it delays the monitoring until 2020.

Option 4 - Pilot Project in One LFA/Sub LFA – The cost for this option will depend on the size of the LFA or sub-area selected for the pilot project, but it would likely be between \$370,000 - \$1.2 millions in 2019. With an estimate of no more than \$800,000 in 2019 and assuming 10% monitoring in 2020, the cost to DFO in 2020 would be \$540,000 for a total of \$1.34 million while the cost to industry would be \$540,000 in 2020. This option would demonstrate strong presence in the selected area and would increase the likelihood of reaching 100% monitoring throughout the Gulf Region in a shorter period. It does, however, place a high demand on resources in the selected area, while the presence would only be demonstrated in the selected area, not throughout the Region, making it less desirable.

Option 5 - Delay in Monitoring until 2020 – With this option, it would likely take five years to achieve close to 100% monitoring. The cost to DFO would depend on the arrangements made with the DMCs but would likely be less than \$300,000 in 2019. Assuming a goal of 10% monitoring in 2020 as described in Options 3 and 4, the total cost would be \$840,000 for DFO and \$540,000 for industry in 2020. This option places a realistic demand on resources, however, there is no monitoring presence in the first year. Although this option is feasible, it is less desirable because of the initial lack of presence.

Option 6 - Use of ELOG with Random Checks by Compliance Officers – The time to implement this option would depend on how long it will take before all fishers are using the ELOG. The costs to DFO would be associated with ELOG implementation and for staffing of Compliance Officers. The amount of monitoring presence would be determined by the desired level of activity regarding the random checks for compliance. This option is feasible and cost-effective but would not provide 100% third-party verification.

Conclusion

It is assessed that catch monitoring in the Gulf Region lobster fishery is feasible and there are a range of options available for consideration. Recruiting, training and retaining dockside observers for 100% monitoring is a significant challenge for the DMCs. The ability of these companies to adapt and revise their business processes to ensure a smooth implementation, oversight by DFO throughout the transition, and a phased approach that takes advantage of current and developing technology will be key drivers for success.

As described in the discussion at Task 2.1.3, the current log book does not have sections for weigh out information, adequate fishing location or the dockside observer signature/confirmation number. It is recommended that a new log book or an addition to the existing logbook be developed to enable inclusion of this information on one document. Although this suggestion may be considered counterproductive in light of the expected implementation of the ELOG, it would reduce the challenges associated with information coming from two or three different sources: the fishers' log books, the buyers' sales slips, and the observers' landing reports. In any event, coordination will be required to ensure a smooth transition to the ELOG.

As this study considered the development of a communication strategy, it will be critical to provide key messages on how the catch monitoring for lobster in the Gulf Region will be phased-in (location, timing, and cost) and that it explains the benefits for the lobster industry as a whole to increase acceptance. It will be important to have continued collaboration with fishers, buyers and the DMCs to refine details of the plan based on the recommendations/suggestions/concerns of these key stakeholders.

Annex A – References

1. Integrated Fisheries Management Plan – Lobster in the Southern Gulf of St. Lawrence (<http://www.glf.dfo-mpo.gc.ca/Gulf/FAM/IMFP/2014-Lobster-Gulf-Region>)
2. REPORT 2 - Sustaining Canada's Major Fish Stocks - Fisheries and Oceans Canada from the Fall 2016 Reports of the Commissioner of the Environment and Sustainable Development
3. National Dockside Monitoring Program Policy and Procedures
4. Lobster Fishery Economic Summary – Gulf Region 2017
5. Update of the Stock Status Indicators for the American Lobster (*Homarus Americanus*) Stocks in the Southern Gulf of St. Lawrence - Canadian Science Advisory Secretariat Science Response 2016/051
6. Atlantic States Marine Fisheries Commission - American Lobster Benchmark Stock Assessment and Peer Review Report (Accepted for Management Use August 2015) (http://www.asmfc.org/uploads/file//55d61d73AmLobsterStockAssmt_PeerReviewReport_Aug2015_red2.pdf)
7. Fisheries Act (<http://laws-lois.justice.gc.ca/eng/acts/F-14/FullText.html>)
8. CGSB Qualification Program for Dockside Monitoring Companies
9. Dockside Monitoring Policies and Procedures
10. Atlantic Fisheries Restructuring Act 1985 (<http://laws-lois.justice.gc.ca/PDF/A-14.pdf>)
11. Coastal Fisheries Protection Act 1985 (<http://laws-lois.justice.gc.ca/PDF/C-33.pdf>)
12. Department of Fisheries and Oceans Act 1985 (<http://laws-lois.justice.gc.ca/PDF/F-15.pdf>)
13. Oceans Act 1996 (<http://laws-lois.justice.gc.ca/PDF/O-2.4.pdf>)
14. Strategic Framework for Fishery Monitoring and Catch Reporting Standards in the Pacific Region (http://www.pac.dfo-mpo.gc.ca/fm-gp/docs/framework_monitoring-cadre_surveillance/docs/framework_monitoring-cadre_surveillance-eng.pdf)
15. Standard of the Development of Electronic Logbook Client Applications (<http://www.dfo-mpo.gc.ca/fm-gp/sdc-cps/nir-nei/doc/Client-appl-standard-eng.pdf>)
16. Summary of Fishing Restrictions in Gulf Region 2017 Lobster Licence Conditions
17. Atlantic Fisheries Fund (<http://www.dfo-mpo.gc.ca/fm-gp/initiatives/fish-fund-atlantic-fonds-peche/index-eng.html>)
18. The State of World Fisheries and Aquaculture (<http://www.fao.org/3/a-i5555e.pdf>)
19. Rock Lobster Management in New Zealand: The Development of Devolved Governance (<http://www.fao.org/tempref/docrep/fao/010/a1497e/a1497e26.pdf>)
20. Case Studies: Fisheries Monitoring Technology and Services (<http://www.archipelago.ca/case-studies-fisheries-monitoring-technology>)
21. Integrated Fisheries Management Plan Summary Crab by Trap Pacific Region April 1, 2018 to March 31, 2019 (<http://www.pac.dfo-mpo.gc.ca/fm-gp/mplans/2018/crab-crabe-sm-2018-eng.pdf>)
22. Electronic Monitoring: Different Fisheries Require Different Solutions (<https://www.fisheries.noaa.gov/feature-story/electronic-monitoring-different-fisheries-require-different-solutions>)
23. The Norwegian Reference Fleet (<http://www.imr.no/temasider/referanseflaten/referanseflaten/en>)

24. Status Reports of the Fisheries and Aquatic Resources of Western Australia 2016/17
([http://www.fish.wa.gov.au/Documents/sofar/status_reports_of_the_fisheries_and_aquatic_re
sources_2016-17.pdf](http://www.fish.wa.gov.au/Documents/sofar/status_reports_of_the_fisheries_and_aquatic_resources_2016-17.pdf))

Massiera, Josiane

From: Gaudet, Mario
Sent: November-09-18 10:06 AM
To: Massiera, Josiane
Subject: RE: Upcoming issues and decisions / Enjeux à venir et décisions

Je suis d'accord avec toi...on devrait attendre pour voir les points qui seront soulevés. Pas de décision de prise sur le sujet...uniquement explorer des options.
M

From: Massiera, Josiane
Sent: November-09-18 10:03 AM
To: Gaudet, Mario
Subject: RE: Upcoming issues and decisions / Enjeux à venir et décisions

On leur a parlé de l'étude de faisabilité qui était en train de se faire faire. PEIFA et MFU ont rencontré le consultant et appel-conférence avec ceux de GNÉ....
Ils auraient pas la sympathies du public avec ça, donc peut-être pas nécessaire de mentionner.

From: Gaudet, Mario
Sent: November-09-18 9:45 AM
To: Massiera, Josiane
Subject: RE: Upcoming issues and decisions / Enjeux à venir et décisions

Est-ce que l'industrie était au courant du projet ou c'est la première occasion qu'il vont obtenir des renseignements?
M

From: Massiera, Josiane
Sent: November-09-18 9:33 AM
To: Gaudet, Mario
Subject: RE: Upcoming issues and decisions / Enjeux à venir et décisions

Je pense peut-être qu'on devrait mentionner la réaction des intervenants de homard face aux « catch monitoring » suite au comité consultatif du 4-5 décembre. Si tu penses que oui..je formulerai quelque chose.
Josiane

From: Gaudet, Mario
Sent: November-09-18 9:19 AM
To: Massiera, Josiane; Leger, Sylvie; Savoie, Christina; King, Coralli; Lavoie, Cécile
Subject: FW: Upcoming issues and decisions / Enjeux à venir et décisions

Bonjour,

Est-ce que vous avez des enjeux qui méritent un suivi selon la directive ci-dessous?

Merci!

Mario

From: Arsenault, Linda
Sent: November-09-18 8:43 AM
To: Gaudet, Mario; Butruille, Frédéric; Bélanger, Pierre; Légère, Martine; Elliott, Isabelle; Landsburg, Wade; Lanteigne, Stephen; Mallet, Pierre
Cc: LeBlanc, Carole L; Bourque, Lynn
Subject: FW: Upcoming issues and decisions / Enjeux à venir et décisions

Please complete the attached template if you have any issues to report. If none, please reply NIL.

Issues or a Nil response is due to me by 12:00 noon November 13/18.

Thanks, Linda

From: Hébert, Linda M
Sent: November-08-18 4:09 PM
To: DFO.F GLF RMC members / membres du CGR GLF F.MPO
Cc: DFO.F GLF RMC Admin members / adjointes membres du CGR GLF F.MPO
Subject: FW: Upcoming issues and decisions / Enjeux à venir et décisions

Please note that the issues report now covers one month. /
Veuillez noter que le rapport couvre la période d'un mois maintenant.

Le français suit...

Please update (in the language of your choice) the attached report with a regional perspective. Also for ease of reference, I'm including the guidelines document we received from governance in NHQ.

***** Keep in mind:** *"Items need to have Next Steps involving the Minister, and we try to keep the binder as ministerial focused as possible. Just a reminder that the binder should not be used as a briefing tool, but a reminder of upcoming issues/ decisions for the Minister".*

Only include items that are of relevance to the Minister or are likely to attract significant public attention within the next two weeks (November 20 to December 18, 2018). Please explain why it is an issue, anticipated reaction and plans to manage the reaction. If the Minister doesn't need to know, do not include it.

Please return to me **by 11:00 a.m., November 14, 2018.** Respond with a NIL if you do not have any input for this week's reports.

~~~~~

Veuillez fournir vos données (dans la langue de votre choix), ayant une perspective régionale dans le rapport ci-joint. Afin de faciliter la tâche, vous trouverez en annexe le document incluant les lignes directrices de la Gouvernance de l'AC.

**\*\*\* SVP garder en tête :** *« Items need to have Next Steps involving the Minister, and we try to keep the binder as ministerial focused as possible. Just a reminder that the binder should not be used as a briefing tool, but a reminder of upcoming issues/ decisions for the Minister"»*

Inclure seulement les enjeux ayant de l'importance pour le ministre, ou qui sont susceptibles d'attirer l'attention du public au cours des deux prochaines semaines (20 novembre au 18 décembre 2018). Veuillez expliquer pourquoi il s'agit d'un enjeu, quelle est la réaction anticipée et quels sont les plans devant servir à gérer cette réaction. Si le ministre n'a pas besoin de prendre connaissance d'un enjeu, ne pas l'inclure.

SVP retourner le rapport à mon attention d'ici **11 h, le 14 novembre 2018.** Répondre **NIL** si vous n'avez rien à ajouter aux rapports de cette semaine.

Thanks, Merci,

*Linda Hebert*

A/Correspondence Officer / Agente de la correspondance p.i.  
RDG's Office / Bureau du DGR  
Fisheries & Oceans Canada / Pêches & Océans Canada  
Gulf Region / Région du Golfe  
343 Université Ave / 343 avenue de l'Université Moncton, NB  
E-mail / Courriel : [Linda.Hebert@dfo-mpo.gc.ca](mailto:Linda.Hebert@dfo-mpo.gc.ca)  
Tel: (506) 851-2169  
Fax / Télécopieur (506) 851-7732  
Government of Canada / Gouvernement du Canada

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## Massiera, Josiane

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**From:** Massiera, Josiane  
**Sent:** November-28-18 9:16 AM  
**To:** Lonnie McNeill; Dwyer, Alan; Comeau, Sandra J; Moore, Benjamin  
**Subject:** FW: Catch monitoring - info from Maritimes

Fyi

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**From:** Quigley, Sara  
**Sent:** November-28-18 7:59 AM  
**To:** Massiera, Josiane  
**Subject:** RE: Catch monitoring - info from Maritimes

All correct, except the industry-led elog project in LFA 27 was in spring 2017. I don't remember if they tried it again in 2018 or not. If it matters, I can find out.

---

**From:** Massiera, Josiane  
**Sent:** November-26-18 4:14 PM  
**To:** Lonnie McNeill  
**Cc:** Dwyer, Alan; Comeau, Sandra J; Moore, Benjamin; Quigley, Sara  
**Subject:** Catch monitoring - info from Maritimes

Here is what Sara Quigley from the Maritimes Region told me about catch in the inshore lobster fishery (copying you Sara in case I misunderstood something):

- No Dockside Monitoring
- Mandatory monthly logbooks
  - Logbooks are to be submitted within 15 days at the end of each fishing month.
  - Logbooks are submitted by the licence holder to a Dockside monitoring company for them to enter the data at the fisher's cost.
  - If logbooks are not returned, the licence holder can renew its license, but cannot print his/her licence conditions (this is done in several fisheries).
- There was a pilot project in spring 2017 ~~in 2018~~ where LFA 27 developed their own e-log; DFO was not ready at the time to accept e-log information (this is similar to what PEIFA has done in PEI).

I haven't been able to reach Quebec yet or Newfoundland yet.

Josiane

## Massiera, Josiane

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**From:** Massiera, Josiane  
**Sent:** November-26-18 6:46 PM  
**To:** Lonnie McNeill  
**Cc:** Dwyer, Alan; Comeau, Sandra J; Moore, Benjamin  
**Subject:** RE: Catch monitoring - info from Maritimes and Quebec

Adding Quebec info...

- No Dockside Monitoring
- Mandatory elogs since 2018 in Gaspésie (LFA 19, 20, 21) and voluntary in Magdalen Island (LFA 22); around 1/3 used it in 2018.
- Some lobster fishing area need to provide a combined form that request they fill out the amount sold to buyers and some LFA have a logbook that request they only provide the total estimated quantity of lobster kept.
- All other data are from buyers slips entered by DFO area offices as a priority (by Stats/licensing clerk in resources management who has a functional report with Stats regionally). They provide a mid-season review of catches to industry.

Josiane

---

**From:** Massiera, Josiane  
**Sent:** November-26-18 4:14 PM  
**To:** Lonnie McNeill  
**Cc:** Dwyer, Alan; Comeau, Sandra J; Moore, Benjamin; Quigley, Sara  
**Subject:** Catch monitoring - info from Maritimes

Here is what Sara Quigley from the Maritimes Region told me about catch in the inshore lobster fishery (copying you Sara in case I misunderstood something):

- No Dockside Monitoring
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  - If logbooks are not returned, the licence holder can renew its license, but cannot print his/her licence conditions (this is done in several fisheries).
- There was a pilot project in spring 2017-2018 where LFA 27 developed their own e-log; DFO was not ready at the time to accept e-log information (this is similar to what PEIFA has done in PEI).

I haven't been able to reach Quebec yet or Newfoundland yet.

Josiane

**Massiera, Josiane**

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**From:** Massiera, Josiane  
**Sent:** November-30-18 12:32 PM  
**To:** 'Lonnie McNeill'  
**Subject:** RE: Presentation

Ok perfect. You can speak from your chair at the table or standing up with a small mike fixed on your chest. We will have the presentation on our lap top, but if you make changes to it please send it to me prior to the meeting. We can't copy stuff from a USB that is not encrypted... You are welcome to look at the room when you get in.

Josiane

**From:** Lonnie McNeill [redacted]  
**Sent:** November-30-18 11:41 AM  
**To:** Massiera, Josiane  
**Subject:** Re: Presentation

Perfect - thanks Josiane. I will be ready to speak to the points if the Chair doesn't. I will talk about what Maritime Region/Quebec are doing with the points you provided when I introduce the Options, and mention Newfoundland if we get any info. I won't speak specifically about SW Nova Scotia LFA 33/34, but will be ready to answer should a question arise.

I will head to Moncton on Monday morning. I have an appointment on the way but hope to get the Delta by 1500 or so. I'd like to check the meeting room on Tuesday morning so I can see how it's set up (if I need my laptop or the presentation on a thumb-drive, do I speak from my seat or podium etc.) and then I'll be in my room till lunch.

Anything further, don't hesitate to call or email.

Thanks,  
Lonnie

On Fri, Nov 30, 2018 at 11:07 AM Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)> wrote:

See response in your email.

**From:** Lonnie McNeill [mailto:[redacted]]  
**Sent:** November-30-18 10:30 AM  
**To:** Massiera, Josiane  
**Subject:** Presentation

Hi Josiane:

A few final questions.



Has it been decided if the Chair will provide the opening remarks, or will I? Unfortunately the chair was not at our pre-meeting...I have included the notes on your slide in his "speaking notes", but it's possible he will not say it, so if you could be ready to speak to it if you see that he hasn't mention everything..do you think that could work for you??

For the Facts slides, do I point out the overall average of 40 trips per boat for the stats we have or just mention the overall numbers? Sandra mentioned I just need to be prepared for a question regarding the low average. I think we said we would still mention it...and be ready to point the weakness of our system to get accurate numbers if they ask questions.

Have you heard anything regarding what Newfoundland does? Sorry I don't....I just called and sent an email to one officer. I can mention that SW Nova Scotia is doing by-catch monitoring this season. Yes it is public, but we shouldn't talk about the details if you don't have it or what you heard on the news.... The difference hear is important, Sciences has done in collaboration with industry a by-catch study as part of a condition of the MSC certification. Our fishery has no by-catch issue (in term of actually catching other fishes accidentally, not in term of interactions of marine mammals).

Thanks,

Lonnie

s.19(1)

## Massiera, Josiane

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**From:** Massiera, Josiane  
**Sent:** December-19-18 4:10 PM  
**To:** Lonnie McNeill  
**Cc:** Peter Johnston [REDACTED]  
**Subject:** Thank you

I would like to thank you for the presentation at the lobster advisory committee. We talked briefly after your presentation, but I didn't get the chance to formally thank you before you left.

Although the subject is very sensitive with the stakeholders, I think it went really well and I'm sure that your introductions and presentation influenced this outcome.

I want to wish you and your family *Happy Holidays*.

Josiane

## Massiera, Josiane

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**From:** Massiera, Josiane  
**Sent:** January-07-19 3:31 PM  
**To:** LeBlanc, Carole L  
**Cc:** Gaudet, Mario  
**Subject:** RE: Lobster Catch Monitoring

As requested.

- A feasibility study to develop an implementation plan for reliable, timely and accessible lobster catch information in the Gulf Region was conducted by a Consultant company (Lansdowne Technologies Inc.) from February to May 31, 2018.  
- The fish harvesters' associations received notice of the study in February and teleconference and/or meetings took place with GNS, PEIFA and the MFU for initial discussion.  
- The study findings was presented by the consultant at the sGSL Lobster Advisory Committee on December 4-5, 2018 where 6 options were presented:

1. Use of ELOG with Random Checks by Compliance Officers
2. Data Entry Only
3. Pilot Project in one LFA or Sub-Area
4. Partial Monitoring (Commencing at 10%)
5. Full 100% Monitoring
6. Delay Monitoring Until 2020

Fish harvesters' representatives were in majority not in favor of implanting Dockside Monitoring for lobster and did not favor any options.

Resource Management is meeting Thursday to discuss next steps that could include creating a DFO-Industry Working Group (including Associations, Processors and Dock side Monitoring Companies).

Josiane

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**From:** LeBlanc, Carole L  
**Sent:** January-07-19 1:01 PM  
**To:** Massiera, Josiane; Gaudet, Mario  
**Subject:** FW: Lobster Catch Monitoring

Bonjour,  
Est-ce que vous pouvez préparer quelques points pour le RDG? Merci  
Carole

---

**From:** Doucet, Serge <[Serge.Doucet@dfo-mpo.gc.ca](mailto:Serge.Doucet@dfo-mpo.gc.ca)>  
**Sent:** Monday, January 7, 2019 12:59 PM  
**To:** LeCouffe, Marc <[Marc.LeCouffe@dfo-mpo.gc.ca](mailto:Marc.LeCouffe@dfo-mpo.gc.ca)>; LeBlanc, Carole L <[Carole.L.LeBlanc@dfo-mpo.gc.ca](mailto:Carole.L.LeBlanc@dfo-mpo.gc.ca)>  
**Cc:** Quinn, Frank <[Frank.Quinn@dfo-mpo.gc.ca](mailto:Frank.Quinn@dfo-mpo.gc.ca)>  
**Subject:** Fw: Lobster Catch Monitoring

Fyi

Can I have an update on the work that has been done to date on this please.

Merci.

Sent from my BlackBerry 10 smartphone on the Bell network.

---

**From:** Jerry Amirault <[jerry@jerryamirault.ca](mailto:jerry@jerryamirault.ca)>

**Sent:** Monday, January 7, 2019 11:47 AM

**To:** Minister / Ministre (DFO/MPO)

**Cc:** Doucet, Serge

**Subject:** Lobster Catch Monitoring

Honourable Jonathan Wilkinson

Minister of Fisheries, Oceans and the Canadian Coast Guard

The Lobster Processors Association of New Brunswick and Nova Scotia would like to offer its support for the review leading to a lobster catch monitoring system, acknowledging the options presented by DFO Gulf region as a starting point.

The verification of the landing data to ensure it is accurate is made all the more important because of the traceability requirements under the lobster fisheries sustainability certification issued by the Marine Steward Council (MSC). Traceability requirements are also a founding block of the IUU (Illegal, Unreported, and Unregulated) catch certificates required for trade with European Union countries.

At the Southern Gulf region Lobster Advisory Committee meeting on December 4-5, 2018, DFO Gulf Region staff presented several options for a catch monitoring system. In our opinion, of the six options outlined there are probably three options worth further review, namely;

- #1 using ELOG with random checks,
- #3 start with a Pilot project, and
- #4 partial monitoring.

All would include a 100% hailing in.

We would ask that the Association be part of the discussions as the outcome will impact the onshore processing plants with their procurement of lobster from the harvesters. In fact, the Association looks forward to further dialogue on this important matter in a timely basis to ensure steps are in place for the 2019 spring lobster season.

Respectfully yours,

GA (Jerry) Amirault, CPA,CA

President

Lobster Processors Association

Of New Brunswick & Nova Scotia

Cell 902 456 9324

Off 902 657 3601

Email [jerry@jerryamirault.ca](mailto:jerry@jerryamirault.ca)

s.16(2)(c)

## Massiera, Josiane

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**Subject:** Next Steps for Dockside Monitoring Lobster  
**Location:** Call-in: 1-877-413-4781 ID: [REDACTED] or Room 320 (Moncton)  
**Start:** Thu 10/01/2019 10:00 AM  
**End:** Thu 10/01/2019 11:00 AM  
**Show Time As:** Tentative  
**Recurrence:** (none)  
**Meeting Status:** Not yet responded  
**Organizer:** Massiera, Josiane  
**Required Attendees:** Gaudet, Mario; LeBlanc, Carole L; Comeau, Sandra J; Moore, Benjamin; Dwyer, Alan

For ease of reference, attached is a copy of the study and the presentations. 6 options were presented:

1. Use of ELOG with Random Checks by Compliance Officers
2. Data Entry Only
3. Pilot Project in one LFA or Sub-Area
4. Partial Monitoring (Commencing at 10%)
5. Full 100% Monitoring
6. Delay Monitoring Until 2020



Lobster Feasibility  
Study - Fi...



7.2 Catch  
monitoring pres...

**Pages 1399 to / à 1462**

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**sont des duplicatas**

## Massiera, Josiane

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**From:** LeBlanc, Carole L  
**Sent:** January-15-19 1:17 PM  
**To:** Massiera, Josiane  
**Subject:** FW: Lobster Catch Monitoring  
**Attachments:** 7.2 Catch monitoring presentation Lobster 2018-EN.ppt

Voici le email j'avais envoyé à Serge

---

**From:** LeBlanc, Carole L  
**Sent:** Monday, January 7, 2019 4:29 PM  
**To:** Doucet, Serge <[Serge.Doucet@dfo-mpo.gc.ca](mailto:Serge.Doucet@dfo-mpo.gc.ca)>; Quinn, Frank <[Frank.Quinn@dfo-mpo.gc.ca](mailto:Frank.Quinn@dfo-mpo.gc.ca)>; LeCouffe, Marc <[Marc.LeCouffe@dfo-mpo.gc.ca](mailto:Marc.LeCouffe@dfo-mpo.gc.ca)>  
**Subject:** FW: Lobster Catch Monitoring

Bonjour,  
Tel que demandé.

- A feasibility study to develop an implementation plan for reliable, timely and accessible lobster catch information in the Gulf Region was conducted by a Consultant company (Lansdowne Technologies Inc.) from February to May 31, 2018.  
- The fish harvesters' associations received notice of the study in February and teleconference and/or meetings took place with GNS, PEIFA and the MFU for initial discussion.  
- The study findings was presented by the consultant at the sGSL Lobster Advisory Committee held on December 4-5, 2018. Six options were presented:

1. Use of ELOG with Random Checks by Compliance Officers
2. Data Entry Only
3. Pilot Project in one LFA or Sub-Area
4. Partial Monitoring (Commencing at 10%)
5. Full 100% Monitoring
6. Delay Monitoring Until 2020

The majority of Fish harvesters' representatives were not in favor of implementing Dockside Monitoring for lobster and did not favor any options.

Resource Management is meeting internally Thursday to discuss next steps that could include creating a DFO-Industry Working Group (including Associations, Processors and Dockside Monitoring Companies).

Carole

---

**From:** Doucet, Serge <[Serge.Doucet@dfo-mpo.gc.ca](mailto:Serge.Doucet@dfo-mpo.gc.ca)>  
**Sent:** Monday, January 7, 2019 12:59 PM  
**To:** LeCouffe, Marc <[Marc.LeCouffe@dfo-mpo.gc.ca](mailto:Marc.LeCouffe@dfo-mpo.gc.ca)>; LeBlanc, Carole L <[Carole.L.LeBlanc@dfo-mpo.gc.ca](mailto:Carole.L.LeBlanc@dfo-mpo.gc.ca)>  
**Cc:** Quinn, Frank <[Frank.Quinn@dfo-mpo.gc.ca](mailto:Frank.Quinn@dfo-mpo.gc.ca)>  
**Subject:** Fw: Lobster Catch Monitoring

Fyi

Can I have an update on the work that has been done to date on this please.

Merci.

Sent from my BlackBerry 10 smartphone on the Bell network.

---

**From:** Jerry Amirault <[jerry@jerryamirault.ca](mailto:jerry@jerryamirault.ca)>  
**Sent:** Monday, January 7, 2019 11:47 AM  
**To:** Minister / Ministre (DFO/MPO)  
**Cc:** Doucet, Serge  
**Subject:** Lobster Catch Monitoring

Honourable Jonathan Wilkinson  
Minister of Fisheries, Oceans and the Canadian Coast Guard

The Lobster Processors Association of New Brunswick and Nova Scotia would like to offer its support for the review leading to a lobster catch monitoring system, acknowledging the options presented by DFO Gulf region as a starting point.

The verification of the landing data to ensure it is accurate is made all the more important because of the traceability requirements under the lobster fisheries sustainability certification issued by the Marine Steward Council (MSC). Traceability requirements are also a founding block of the IUU (Illegal, Unreported, and Unregulated) catch certificates required for trade with European Union countries.

At the Southern Gulf region Lobster Advisory Committee meeting on December 4-5, 2018, DFO Gulf Region staff presented several options for a catch monitoring system. In our opinion, of the six options outlined there are probably three options worth further review, namely;

- #1 using ELOG with random checks,
- #3 start with a Pilot project, and
- #4 partial monitoring.

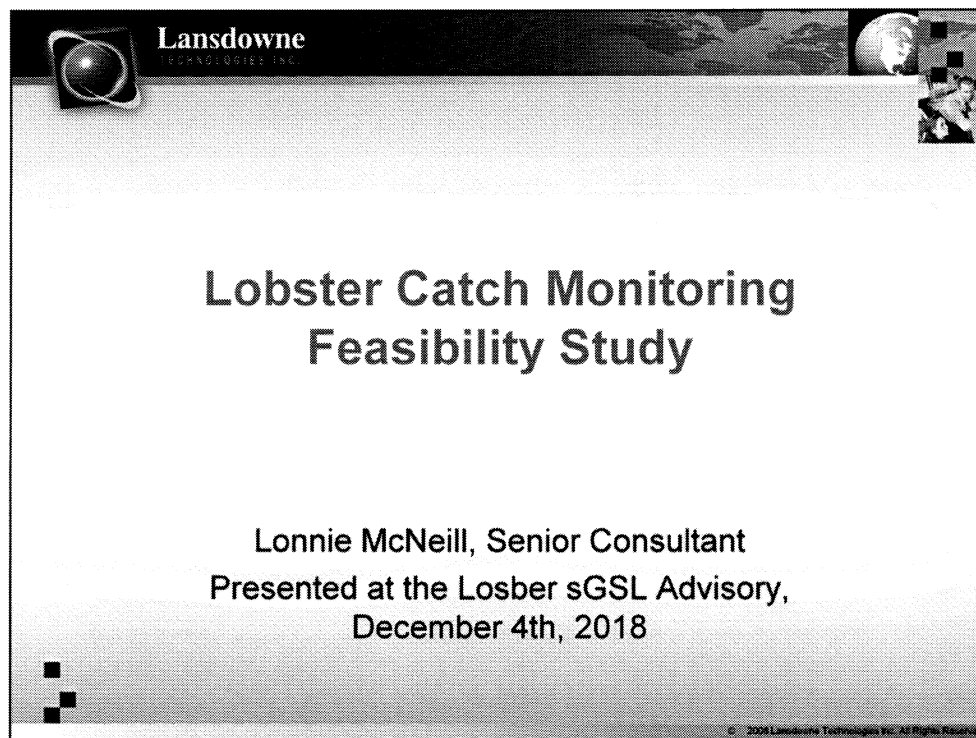
All would include a 100% hailing in.

We would ask that the Association be part of the discussions as the outcome will impact the onshore processing plants with their procurement of lobster from the harvesters. In fact, the Association looks forward to further dialogue on this important matter in a timely basis to ensure steps are in place for the 2019 spring lobster season.


Respectfully yours,

GA (Jerry) Amirault, CPA,CA  
President  
Lobster Processors Association  
Of New Brunswick & Nova Scotia  
Cell 902 456 9324  
Off 902 657 3601  
Email [jerry@jerryamirault.ca](mailto:jerry@jerryamirault.ca)





This presentation describes the work and findings of Lansdowne Technologies Inc. (LTI) in conducting a feasibility study to develop an implementation plan for reliable, timely and accessible fisheries information and catch monitoring in the Gulf Region Lobster Fishery (in accordance with Contract F52111-170559 for Fisheries and Oceans Canada).



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## Principal Objective

Develop a Feasibility Study/Provide An Implementation Plan for Catch Monitoring in the Gulf Region Lobster Fishery

- Improve the Quality and Reliability of Landing Data
- Enhance the Lobster Stock Science Assessment
- Enhance DFO's Ability to Make Informed Fisheries Management Decisions for a Sustainable Fishery
- 2016 Report of the Commissioner of the Environment and Sustainable Development
- UN 2030 Agenda for Sustainable Development

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This slide outlines the objective that was stated in the initial bid solicitation and in the resulting contract.

With a landed value well over \$300 million and over 7,000 people involved annually in harvesting, the lobster fishery is the mainstay of the fishing industry in the Gulf Region. Currently, Dockside Monitoring Programs for several species, including crab, groundfish, tuna, herring and shrimp provide accurate, timely, third party verification of fish landings in the Gulf Region and is the primary source of landing information on which Fisheries and Oceans Canada bases fisheries management decisions.

The fishing industry and the Department are dependent on the accurate verification of landings by dockside monitoring companies. A 2016 Report of the Commissioner of the Environment and Sustainable Development found that DFO was missing key information needed to manage Canada's public resources sustainably, including gaps in catch data and catch monitoring.

Apart from these national considerations, there are also international drivers encouraging sustainable initiatives such as the UN 2030 Agenda for Sustainable Development that comprises 17 Sustainable Development Goals (SDGs) as a framework to guide development actions of governments, international agencies, civil society and other institutions. SDG 14 SDG 14 ("Conserve and sustainably use the oceans, seas and marine resources for sustainable development") is explicitly fisheries-related.

These are all factors contributing to DFO's examination of this issue.



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## **Tasks as outlined in DFO RFP**

- Task 2.1.1 - Present Facts on Gulf Region Lobster Fishery**
- Task 2.1.2 - Review DMP and Identify Gaps**
- Task 2.1.3 - Develop Catch Monitoring Implementation Plan**
- Task 2.1.4 - Provide Recommendation of Staff Requirements**
- Task 2.1.5 - Provide Cost Analysis**



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The Statement of Work in the Contract identified five principal tasks to be completed. These tasks were:

- Present facts on the Gulf Region lobster fishing industry;
- Review the current Dockside Monitoring Program (DMP) and identify the gaps to proceed with lobster catch monitoring;
- Develop an implementation plan that will ensure that the lobster Catch Monitoring data system includes data that will be entered in the DFO informatics system: Gulf Fishery Information System (GFIS);
- Provide recommendation of staffing requirements; and
- Provide a cost analysis.




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## Approach/Conduct of Study

- Phase I: Read-In/Gathering of Information 20 Feb – 11 Mar
- Phase II: On-Site Visits 12-28 Mar
- Phase III: Analysis/Option Development 29 Mar – 26 Apr
- Phase IV: Reporting 27 Apr – 31 May






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This study was conducted using a phased approach to gain an understanding of the current situation in the Gulf Region lobster fishery while seeking recommendations and the perspective from key DFO personnel and the Dockside Monitoring Companies and to develop a potential implementation plan for fishery monitoring and catch reporting to be discussed with stakeholders.

The fishermen's associations received a notice of the study in February.

A teleconference with a small number of representatives of the NS Associations was conducted and meetings took place with Prince Edward Island Fishermen's Association/Maritime Fishermen's Union.


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## 2016 Facts

| AREA                  | PEI    | ENB    | GNS    | TOTAL   |
|-----------------------|--------|--------|--------|---------|
| # of LICENSES         | 1,274  | 1,105  | 584    | 2,963   |
| # of TRIPS            | 59,176 | 35,899 | 24,880 | 119,955 |
| # of WHARVES          | 64     | 54     | 49     | 167     |
| AVG # TRIPS PER WHARF | 925    | 665    | 508    | 718     |

| LFA                   | 23     | 24     | 25     | 26A    | 26B   | TOTAL   |
|-----------------------|--------|--------|--------|--------|-------|---------|
| # of LICENSES         | 679    | 683    | 647    | 736    | 218   | 2,963   |
| # of TRIPS            | 21,869 | 31,043 | 25,173 | 32,424 | 9,446 | 119,955 |
| # of WHARVES          | 31     | 29     | 39     | 52     | 18    | 167     |
| AVG # TRIPS PER WHARF | 705    | 1,070  | 645    | 624    | 525   | 718     |


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The first Task was to **Present Facts on the Lobster Fishery**. 2016 data was used for this study. At the time of the study, this information was still subject to a forthcoming audit, but was considered sufficiently accurate for analysis.



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## **Analysis of Facts**



- PEI accounts for 43% of licenses and 49.3% of trips
- ENB accounts for 37.3% of licenses and 29.9% of trips
- GNS accounts for 19.7% of licenses and 20.8% of trips
- 48 busiest ports see over 76% of total trips in the Gulf Region



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## **Dockside Monitoring Program – Gaps**

- Using number of buying stations as an approximate guide to determine number of dockside monitors needed for 100% monitoring:
  - Prince Edward Island - 91 spring and 22 summer/fall
  - New Brunswick - 62 spring and 44 summer/fall
  - Nova Scotia - 78 spring and 4 summer/fall
- **Total – 231 spring and 70 summer/fall**


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The second task was to **Review the current Dockside Monitoring Program and identify the gaps to proceed with lobster catch monitoring.** Certainly, it was recognized from the outset that the DMCs do not currently have sufficient dockside observers to meet the demand should the decision be made to proceed with 100% coverage for approximately 120,000 trips. Through the course of the study, it was generally agreed by the DMCs, the fishers and DFO staff that observers would likely be required at each buying station, particularly during the busy periods when a large number of vessels are arriving to offload their catch. Accordingly, it was assessed that 231/70 observers would be need for the spring and summer/fall fisheries respectively.



Recognizing that these numbers are an estimate that don't take into account fluctuations in the demand on a given day, or the efficiencies that would be developed over time, a 10% margin of error was introduced. As a result, the estimated number of observers required for 100% catch monitoring for the Gulf Region is assessed to be approximately 210-250 for the spring season and 60-80 for the summer/fall season depending on the location.








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## Options for Catch Monitoring in 2019

1. Use of ELOG with Random Checks by Compliance Officers
2. Data Entry Only
3. Pilot Project in one LFA or Sub-Area
4. Partial Monitoring (Commencing at 10%)
5. Full 100% Monitoring
6. Delay Monitoring Until 2020





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The third task was to **Develop an implementation plan that will ensure that the lobster Catch Monitoring data system includes data that will be entered in the DFO informatics system: Gulf Fishery Information System (GFIS), which is Oracle base for now.** Six dockside monitoring options were considered.



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## **Option 1 - Use of ELOG with Random Checks by Compliance Officers**

- **Advantages**
  - ELOG, once configured to capture required fishery information and fully implemented, will provide required data in real time
  - Does not affect efficiency of offloading
  - Takes away requirement for paper log book
- **Disadvantages**
  - Except for the random checks, does not provide independent third-party verification
  - Potential increased costs to expedite implementation of ELOG
  - There may be delays as DFO information systems are adapted for ELOG



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This option involves the use of ELOG to record and transfer fishery information in real-time and conduct random checks to ensure compliance/accuracy.

You are likely aware that ELOG will be introduced on a voluntary basis for the 2019 season.



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## Option 2 - Data Entry Only



- **Advantages**
  - Provides greater lead time for DMCs to prepare for full dockside monitoring
  - DMCs/fishers/buyers can establish a working relationship in dealing with the log entries
  - DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for dockside monitors in the following year
  - Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations
- **Disadvantages**
  - No verification of what is being caught for first year
  - Could adversely affect current arrangements in Statistics for part time data entry staff
  - Greater likelihood of having missing/inaccurate catch data

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In this option, the DMCs do not provide dockside monitoring but use the fishers log book sheets to enter the landing data into the Gulf Fishery Information System.




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## **Option 3 - Pilot Project in one LFA or Sub-Area**

- **Advantages**
  - Allows testing of implementation plan on a smaller scale to provide lessons learned for smoother transition/implementation in the rest of the region
  - Reduced cost
  - Allow DFO resources to focus on one area
- **Disadvantages**
  - May not be well received in the area selected for the trial
  - Will be challenging for DMCs in selected area
  - Delays overall implementation
  - Would require a different log book; as a result, two different logs could be in use in the Gulf Region if the other areas do not use new log book





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In this option, only one area would be involved in dockside monitoring. The scope of the pilot project could be further reduced to a small number of ports in one LFA or each LFA throughout the Gulf Region.



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## Option 4 - Partial Monitoring (Commencing at 10%)




- **Advantages**
  - DMCs can develop new business model
  - DMCs don't need to hire/train/deploy as many dockside monitors at once
  - Ease toward achieving desired end state
  - Greater flexibility to move observers around to get the required coverage
  - Decreases the risk of failure
  - Decreases the likelihood of having delays in offloading and causing dissatisfaction among buyers/fishers
- **Disadvantages**
  - Higher likelihood of having missing/inaccurate catch data until full implementation is realized
  - Incomplete information on catches could potentially impact analysis

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In this option, the DMCs commence dockside monitoring at an initial level of 10%. Consideration for this modest start was a stepped approach would provide a better chance for success and set the stage for phasing increased monitoring levels in subsequent years as capability and funding would support.



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## Option 5 - Full 100% Monitoring

- **Advantages**
  - Supports recognition of requirement for catch monitoring by DFO
  - There are no discrepancies in information - fishers/buyers throughout the region are operating under the same conditions
  - Increased employment opportunities in each province
  - Help identify trends, challenges and problems quickly
  - Could help alleviate ongoing challenge regarding availability of sufficient numbers of dockside monitors
  - Potential to reach desired end state of sustainable lobster fishery more quickly
- **Disadvantages**
  - Risk that DMCs do not have time to develop new business model, potentially overwhelming DMCs in hiring/training/deploying sufficient observers to handle the increased workload
  - No backup if the DMCs fall short in recruitment
  - Greater potential for delays offloading the catch, thereby causing dissatisfaction among buyers/fishers

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As indicated, this option calls for full dockside monitoring services in every port where lobster is landed with accompanying data entry.




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## Option 6 - Delay Monitoring Until 2020

- **Advantages**
  - Provides greater lead time for DMCs to prepare for full dockside monitoring
  - DMCs/fishers/buyers can establish a working relationship in dealing with the log entries
  - DMCs can build a detailed record of trips in each port every day to get a better appreciation of the staff requirements for dockside monitors in the following year
  - Provides more time for dialogue between DFO and fishers/buyers to receive their perspective/recommendations
- **Disadvantages**
  - No verification of what is being caught for first year
  - Continued likelihood of having missing/inaccurate catch data

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A possible variation would be to choose one of the five options but begin implementation in 2020 instead of 2019 to enable a longer lead time for preparation/consultation with stakeholders. A component of this option could include allocating funding to the DMCs to go to each port where they expect to provide services, observe the offloading of lobster, liaise with the fishers and buyers and gain a detailed understanding of the impact dockside monitoring will have on their businesses and how to best meet the challenges of the implementation.



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## DMC Staffing Requirements

- Current Dockside Monitors
  - 90-100
- Anticipated Dockside Monitors
  - 210-250 for the spring season
  - 60-80 for the summer/fall season
- Data Entry
  - Approximately 10
    - One or two people per DMC

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The fourth task was to **Provide Recommendations of Staffing Requirements.**

As noted earlier, the biggest impact for the DMCs will be the significant increase in the number of dockside observers.

Currently, the DMCs employ approximately 90-100 dockside monitors in the Gulf Region. Hence, to achieve 100% catch monitoring would require a significant increase in monitors. While some of the companies are already very busy during the lobster season with no surplus, others would be able to use some of their current staff to help handle the increased demand. There is the possibility to hire college/university students for the Spring season, but these candidates would not likely be available for the Summer/Fall season due to academic commitments. Nevertheless, if sufficient observers are found for the Spring season, it is possible that there would be sufficient numbers to manage the reduced requirement in the Summer/Fall. Current observers, who are not working or are not busy during the lobster season, could also benefit from this opportunity, and there will be some situations where an observer who is monitoring the landing of other species could also be able to monitor lobster at the same port, particularly if the same buyer is involved.

If DMCs become responsible for all of the associated data entry tasks, each DMC would likely need one or two people for those requirements as well.





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## DFO Staffing Requirements

- Statistics Division
- Conservation and Protection

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The implementation of catch monitoring in the lobster fishery is suspected to have the most significant effect on the Statistics Division for data entry and management. The current process for data entry of lobster catch information is time-consuming and accounts for a significant amount of the workload in Statistics for data entry. When the lobster fishery reaches end state regarding catch monitoring, it is likely that the Statistics Division will spend very little or no time on data entry, but be able to focus on data management and analysis. Nevertheless, until that point is reached, the staff will continue to be occupied with manual data entry, as well as work in upgrading the system.


For the Area Offices, the implementation of lobster catch monitoring will likely see increased surveillance requirements or possibly a higher demand for investigations which could result in either a shift in focus from other species to lobster, or a possible requirement for additional staff in Conservation & Protection to handle the workload.

|  <b>Lansdowne</b><br><small>TECHNOLOGIES INC.</small> |            |                                  |                           |
|----------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------|---------------------------|
| <b>Estimated Costs</b>                                                                                                                 |            |                                  |                           |
| Year                                                                                                                                   | Data Entry | Monitoring                       | Total Program Cost        |
| 2019                                                                                                                                   | \$540,000  | 10% - \$420,000 - \$540,000      | \$960,000 - \$1,080,000   |
| 2020                                                                                                                                   | \$450,000  | 25% - \$1,050,000 - \$1,350,000  | \$1,500,000 - \$1,800,000 |
| 2021                                                                                                                                   | \$300,000  | 50% - \$2,100,000 - \$2,700,000  | \$2,400,000 - \$3,000,000 |
| 2022                                                                                                                                   | \$150,000  | 75% - \$3,150,000 - \$4,050,000  | \$3,300,000 - \$4,200,000 |
| 2023                                                                                                                                   |            | 100% - \$3,600,000 - \$4,800,000 | \$3,600,000 - \$4,800,000 |



Cost per trip estimated at \$30-\$40

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The final task was to **Provide a Cost Analysis**. Understanding that specific price arrangements will be resolved among the DMCs and their clients in each area, this analysis was conducted using a price of \$30-\$40 per trip for 120,000 trips, which includes approximately \$600,000 for data entry. The total number of landings is based on the 2016 number of 119,955 rounded up to simplify the analysis. The data entry estimate is based on approximately 20,000 hours of work as depicted in Table 16, which equates to \$5.00 per trip. If DMCs were to provide data entry services only, the cost was estimated to be approximately \$600,000.




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## Summary

- Dockside monitoring in the Gulf Region lobster fishery is feasible
- Range of options available
- Recruiting, training, retaining dockside monitors for 100% monitoring and requirement for DMCs to adapt/revise business processes accordingly is biggest challenge – phased approach provides greater chance for success
- Use of technology important
- Continued engagement with all stakeholders is key



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It must be emphasized that this was a feasibility study and no decision has been taken by DFO. As indicated on the last bullet, the perspective of all stakeholders is important in the overall process.

Our meetings with the associations revealed a few common themes.

The associations expressed concerns regarding the challenges of implementing dockside monitoring without delaying their offload times and were not supportive of an initiative that would increase costs to the fishers.

They also stressed the importance of implementing ELOG as quickly as possible to allow efficient, timely capture and transfer of information.

The associations also stated that changes to current practices should involve all maritime regions, not only the Gulf Region.

On that note, this is a point to finish the presentation and open the floor to discussion.



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# **Lansdowne Technologies Inc.**

**(613) 236-3333**  
[www.lansdowne.com](http://www.lansdowne.com)



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## Massiera, Josiane

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**From:** Leger, Liette  
**Sent:** January-15-19 3:19 PM  
**To:** Vautour, Denise; LeBlanc, Carole L; Massiera, Josiane  
**Cc:** LeCouffe, Marc; Bourque, Lynn  
**Subject:** RE: info needed for briefing binder - 2018-001-00046 lobster monitoring

GRAND merci pour votre collaboration aujourd'hui!!

Li

### ***Liette Léger***

Administrative Officer | Agente administrative  
Fisheries and Aquaculture Management | Gestion des pêches et de l'aquaculture  
Regional Director's Office | Bureau du directeur régional  
Telephone | Téléphone 506-851-6667  
Facsimile | Télécopieur 506-851-7732  
[liette.leger@dfo-mpo.gc.ca](mailto:liette.leger@dfo-mpo.gc.ca)

---

**From:** Vautour, Denise <Denise.Vautour@dfo-mpo.gc.ca>  
**Sent:** Tuesday, January 15, 2019 3:17 PM  
**To:** Leger, Liette <Liette.Leger@dfo-mpo.gc.ca>  
**Cc:** LeCouffe, Marc <Marc.LeCouffe@dfo-mpo.gc.ca>; Légère-Melanson, Lisa <Lisa.Legere-Melanson@dfo-mpo.gc.ca>;  
LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>  
**Subject:** RE: info needed for briefing binder - 2018-001-00046 lobster monitoring

Approved  
Denise

---

**From:** Leger, Liette <[Liette.Leger@dfo-mpo.gc.ca](mailto:Liette.Leger@dfo-mpo.gc.ca)>  
**Sent:** January-15-19 2:21 PM  
**To:** Vautour, Denise <[Denise.Vautour@dfo-mpo.gc.ca](mailto:Denise.Vautour@dfo-mpo.gc.ca)>  
**Cc:** LeCouffe, Marc <[Marc.LeCouffe@dfo-mpo.gc.ca](mailto:Marc.LeCouffe@dfo-mpo.gc.ca)>; Légère-Melanson, Lisa <[Lisa.Legere-Melanson@dfo-mpo.gc.ca](mailto:Lisa.Legere-Melanson@dfo-mpo.gc.ca)>;  
LeBlanc, Carole L <[Carole.L.LeBlanc@dfo-mpo.gc.ca](mailto:Carole.L.LeBlanc@dfo-mpo.gc.ca)>  
**Subject:** FW: info needed for briefing binder - 2018-001-00046 lobster monitoring

Denise,

This is an urgent request because our Minister is in town this weekend.  
Do you concur with the below as A/RD FAM?

### ***Liette Léger***

Administrative Officer | Agente administrative  
Fisheries and Aquaculture Management | Gestion des pêches et de l'aquaculture  
Regional Director's Office | Bureau du directeur régional  
Telephone | Téléphone 506-851-6667  
Facsimile | Télécopieur 506-851-7732  
[liette.leger@dfo-mpo.gc.ca](mailto:liette.leger@dfo-mpo.gc.ca)

---

**From:** Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>  
**Sent:** Tuesday, January 15, 2019 2:18 PM  
**To:** Leger, Liette <Liette.Leger@dfo-mpo.gc.ca>  
**Cc:** Bourque, Lynn <Lynn.Bourque@dfo-mpo.gc.ca>; LeBlanc, Carole L <Carole.L.LeBlanc@dfo-mpo.gc.ca>  
**Subject:** RE: info needed for briefing binder - 2018-001-00046 lobster monitoring

Bonjour Liette,

J'ai discuté de ces points avec Carole qui me demande de te l'envoyer directement :

- Jerry Amirault is the President of the Lobster Processors Association of NB and NS and participated to the latest sGSL Advisory that took place on December 4-5, 2018.
- A 2016 Report of the Commissioner of the Environment and Sustainable Development found that DFO was missing key information needed to manage Canada's public resources sustainably, including gaps in catch data and catch monitoring. Fishery monitoring and catch reporting is also consistent with general Marine Stewardship Council's (MSC) requirements (Lobster fisheries in the Gulf Region received the MSC certification).
- A feasibility study to develop an implementation plan for reliable, timely and accessible lobster catch information in the Gulf Region was conducted by a Consultant company (Lansdowne Technologies Inc.) from February to May 31, 2018. The fish harvesters' associations received notice of the study in February and teleconference and/or meetings took place with GNS fisheries representatives, PEIFA and the MFU for initial discussion (none with the processors).
- The study findings was presented by the consultant at the sGSL Lobster Advisory Committee held on December 4-5, 2018. Six options were presented: 1. Use of ELOG with Random Checks by Compliance Officers; 2. Data Entry Only; 3. Pilot Project in one LFA or Sub-Area; 4. Partial Monitoring (Commencing at 10%); 5. Full 100% Monitoring 6. Delay Monitoring Until 2020
- The majority of Fish harvesters' representatives were not in favor of implementing Dockside Monitoring for lobster, did not favor any options and several mentioned that if a Dockside Monitoring Program (DMP) is implemented in Lobster it should be done across the Regions, especially in Maritimes Region. Several also favored to start with e-Logs, which will be implemented in 2019 on a voluntary basis.
- The current DMP cannot sustain a full 100% DMP in Lobster at this time with the current Dockside Monitoring Companies operations because of the size of the fishery, a phase-in approach is the only feasible option.
- Gulf Region Resource Management is currently looking at options of implementing a small coverage of Dockside monitoring for the 2019 fishing seasons.
- The response letter will thank him for his recommendations and will ensure that DFO is taking them into consideration during the decision process on moving forward with catch monitoring in the Lobster fishery in the Gulf Region.

Josiane

---

**From:** Leger, Liette  
**Sent:** January-15-19 1:10 PM  
**To:** LeBlanc, Carole L  
**Cc:** Massiera, Josiane; Bourque, Lynn  
**Subject:** FW: info needed for briefing binder - 2018-001-00046 lobster monitoring  
**Importance:** High

Ceci a rapport avec le dossier rose que je viens de donner à Josiane. C'est dû pour la fin de la journée. Voir le courriel ci-dessous.

Sorry.....

Li

***Liette Léger***

Administrative Officer / Agente administrative  
Fisheries and Aquaculture Management / Gestion des pêches et de l'aquaculture  
Regional Director's Office / Bureau du directeur régional  
Telephone / Téléphone 506-851-6667  
Facsimile / Télécopieur 506-851-7732  
[liette.leger@dfo-mpo.gc.ca](mailto:liette.leger@dfo-mpo.gc.ca)

---

**From:** Hébert, Linda M <[Linda.Hebert@dfo-mpo.gc.ca](mailto:Linda.Hebert@dfo-mpo.gc.ca)>  
**Sent:** Tuesday, January 15, 2019 12:12 PM  
**To:** Leger, Liette <[Liette.Leger@dfo-mpo.gc.ca](mailto:Liette.Leger@dfo-mpo.gc.ca)>  
**Subject:** FW: info needed for briefing binder - 2018-001-00046 lobster monitoring  
**Importance:** High

Hi Liette,

I know you are swamped, trust me...that being said, looks like they need information by COB today as they want to add to the briefing binder for the weekend.

As mentioned by Jesse, this is what they are asking for by COB:

Can you please provide some information (just a few sentences in total) on:

- any relevant context on lobster catch monitoring (or on this Association);
- wider impact of lobster catch monitoring;
- any other strategic considerations;
- brief summary of what the proposed response will look like

Looks like they don't want the file per say, just the info requested above.

Let me know if you want me to forward to anyone for urgent response to RDGo...

Merci! ☺

***Linda Hebert***

A/Correspondence Officer / Agente de la correspondance p.i.  
RDG's Office / Bureau du DGR  
Gulf Region / Région du Golfe

><(((°>...><(((°>...><(((°>  
><(((°>...><(((°>...><(((°>

---

**From:** Newman, Jesse <[Jesse.Newman@dfo-mpo.gc.ca](mailto:Jesse.Newman@dfo-mpo.gc.ca)>  
**Sent:** January 15, 2019 11:57 AM  
**To:** Hébert, Linda M <[Linda.Hebert@dfo-mpo.gc.ca](mailto:Linda.Hebert@dfo-mpo.gc.ca)>  
**Cc:** Mostowich, Kyla <[Kyla.Mostowich@dfo-mpo.gc.ca](mailto:Kyla.Mostowich@dfo-mpo.gc.ca)>

**Subject:** info needed for briefing binder - 2018-001-00046 lobster monitoring

**Importance:** High

Hi Linda,

This docket was sent to Gulf Region last week for input. It's a letter from the Lobster Processors Association of New Brunswick and Nova Scotia, regarding the development of a lobster catch monitoring system.

We've flagged this docket for potential inclusion in the MINO/DMO briefing binder. Can you please provide some information (just a few sentences in total) on:

- any relevant context on lobster catch monitoring (or on this Association);
- wider impact of lobster catch monitoring;
- any other strategic considerations;
- brief summary of what the proposed response will look like

If Gulf Region feels that this docket does not have strategic significance, let me know.

If you can get this info to me by the end of the day, I'd greatly appreciate (MCU needs to submit this to the Governance unit by tomorrow noon).

Thanks,

Jesse

Jesse Newman

Senior Editor, Ministerial Correspondence Unit

Fisheries and Oceans Canada / Government of Canada

[jesse.newman@dfo-mpo.gc.ca](mailto:jesse.newman@dfo-mpo.gc.ca) / Tel: 613-991-5936

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Rédacteur principal, Unité de la correspondance ministérielle

Pêches et Océans Canada / Gouvernement du Canada

[jesse.newman@dfo-mpo.gc.ca](mailto:jesse.newman@dfo-mpo.gc.ca) / Tél : 613-991-5936

[XNCR-GrpCW/RC@dfo-mpo.gc.ca](mailto:XNCR-GrpCW/RC@dfo-mpo.gc.ca) pour rejoindre tous les rédacteurs d'UCM

[XNCR-GrpCA/AC@dfo-mpo.gc.ca](mailto:XNCR-GrpCA/AC@dfo-mpo.gc.ca) pour rejoindre tous les analystes d'UCM



## Massiera, Josiane

---

**From:** Dupuis, Monique  
**Sent:** January-18-19 3:06 PM  
**To:** Massiera, Josiane; Comeau, Sandra J  
**Subject:** DMP Weigh Out summary report  
**Attachments:** 150857\_ROCKCRAB\_2018-08-08.pdf; 151795 HALIBUT 20180711-30072018145413.pdf

Bonjour!

You will find in attachment, an example of what is sent to us in relations to DMP. This particular example is for the Rockcrab with SeeFish. The first page is a document SeeFish has developed internally (other Dockside monitoring companies have developed a similar page 1 as SeeFish but it is not a requirement for them to have one). The 2<sup>nd</sup> page is the DMP Weigh out summary form which is a template to use for all species and the 3<sup>rd</sup> page is a copy of the fisher logbook. If the fisher would have personal consumption, it would be indicated as per example in attachment number 2.

I would like if we can keep the same DMP Weigh Out summary form for the Lobster DMP so that we don't give too many forms to the Dockside observers.

Bon weekend!

Monique

Monique Dupuis  
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection  
Fisheries and Oceans – Gulf Region/Government of Canada  
[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca) / Tel: 506-851-6214 / Fax: 506-851-2504

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# SEEFISH HAIL-IN SHEET

DATE: August 8/18

TRIP ID #

SPECIES Rock Crab

2629059

s.20(1)(b)

s.20(1)(c)

VESSEL NAME

Turnip Dulture

VRN #

150857

CALLER

Ricky Jollymore

LICENCE #

143350

PORT

Toney River

LOG #

[REDACTED]

EST WEIGHT

BUYER

Northumberland Co-op

ETA

10:15

FISHING AREA

26A

CONFIRMATION #

[REDACTED]

D.O.

[REDACTED]

START OFFLOAD

1026

s.19(1)

FINISH OFFLOAD

1037

HAIL

BUYER'S WEIGHT

[REDACTED]

CHECKED

PERSONAL WEIGHT

—

POSTED

[REDACTED]

s.20(1)(b)

s.20(1)(c)



Fisheries and Oceans Canada / Pêches et Océans Canada

**SPECIES / ESPÈCE:** Rockfish  
**DMP WEIGH OUT SUMMARY FORM**  
**FORMULAIRE SOMMAIRE DE LA PESÉE DU PVQ**

Trip ID # \_\_\_\_\_  
No de voyage 2629059

Company Seefish  
Compagnie \_\_\_\_\_

Date Aug 8/18 Port Landed Toney River Hail Out # \_\_\_\_\_ Page \_\_\_\_\_ of/de \_\_\_\_\_  
Port de débarquement No. de sortie en mer

Monitor's Name \_\_\_\_\_ ID # 964 Hail in # \_\_\_\_\_  
Nom du vérificateur # d'id No. d'appel en mer

Offloading Time - Start: 1026 Finish 1037 Licence No. 143350 Area Fished \_\_\_\_\_  
Heure du déchargement - Début Fin No. de permis Zone de pêche

VRN 190859 Vessel Name Tereys Futura Captain Rick Jollymore  
NEB Nom du bateau Capitaine

Buyer NORTHUMBERLAND Logbook # \_\_\_\_\_ Logbook completed Yes/Oui ☒  
Acheteur # du livre de bord Livre de bord complété No/Non

Check Scale ☒ Scale Certified by Ocean Scales Accreditation # \_\_\_\_\_  
Vérifié la balance Balance certifiée par # d'accréditation

Date Certified Apr 2018 Expiry Date Apr 2019 Tare \_\_\_\_\_  
Date certifiée Date d'expiration

|       |     |     |     |     |
|-------|-----|-----|-----|-----|
| 1.    | 11. | 21. | 31. | 41. |
| 2.    | 12. | 22. | 32. | 42. |
| 3.    | 13. | 23. | 33. | 43. |
| 4.    | 14. | 24. | 34. | 44. |
| 5.    | 15. | 25. | 35. | 45. |
| 6.    | 16. | 26. | 36. | 46. |
| 7.    | 17. | 27. | 37. | 47. |
| 8.    | 18. | 28. | 38. | 48. |
| 9.    | 19. | 29. | 39. | 49. |
| 10.   | 20. | 30. | 40. | 50. |
| Total |     |     |     |     |
| Tare  |     |     |     |     |
| Net   |     |     |     |     |

Total Net Weight/Poids total net \_\_\_\_\_ kgs. Hold Empty / Cale Vide Yes / Oui ☒ No / Non

Total weight sold (net)/Poids total vendu \_\_\_\_\_ kgs. Total weight kept for personal use (net) \_\_\_\_\_ kgs.  
Poids total conservé pour besoins personnels (net)

Signature (Captain/Capitaine) \_\_\_\_\_  
I agree with the weight indicated. / Je suis d'accord avec le poids indiqué

s.19(1)

Comments: \_\_\_\_\_  
SARA / LEP: \_\_\_\_\_

Signature \_\_\_\_\_ Autorisation # 0964  
(Monitor/verificateur)

DMC office use only / Réservé au bureau CVQ seulement Date 18/08/15 Initial PM  
July 2013 RECEIVED AUG 15 2013

SS- 004255



# SEEFISH HAIL-IN SHEET

DATE: July 11, 18 TRIP ID # 6121  
SPECIES Halibut 2625731

VESSEL NAME See Rebel.  
VRN# 151795.  
CALLER Chorice Hebert  
LICENCE # ~~005195. 006226~~ 005196  
PORT Point Sapien  
LOG # FG  
EST WEIGHT [REDACTED]  
BUYER (Raymond Oneil) P.O. Fishers  
ETA 2030  
FISHING AREA YT  
CONFIRMATION # [REDACTED]  
D.O. [REDACTED] 507881  
START OFFLOAD 2200  
FINISH OFFLOAD 2205 MW HAIL [REDACTED]  
BUYER'S WEIGHT [REDACTED] CHECKED \_\_\_\_\_  
PERSONAL WEIGHT [REDACTED] POSTED \_\_\_\_\_

s.20(1)(b)  
s.20(1)(c)

s.19(1)  
s.20(1)(b)  
s.20(1)(c)

ISSUE DATE: February 5, 2015

FORM que-1101

**SPECIES / ESPÈCE:** Halibut  
**DMP WEIGH OUT SUMMARY FORM**  
**FORMULAIRE SOMMAIRE DE LA PESÉE DU PVQ**

Trip ID #  
No de voyage 2626121

s.20(1)(b)

s.20(1)(c)

Date 11-07-18 Port Landed Pointe Sable Hail Out # [redacted] Page 1 of de 1  
Port de débarquement No. de sortie en mer

s.19(1)

Monitor's Name [redacted] ID # 0957 Code [redacted]  
Nom du vérificateur # d'id No. d'appel en mer

Offloading Time - Start: 2200 Finish 2205 Licence No. 005195 Area Fished 4T3B  
Heure du déchargement - Début Fin No. de permis Zone de pêche

VRN 151795 Vessel Name Sea Rebel Captain Denis Dayle  
NEB Nom du bateau Capitaine

Buyer PO Fisheries Logbook # FG 05 Logbook completed Yes/Oui ✓  
Acheteur # du livre de bord Livre de bord complété No/Non

Check Scale ✓ Scale Certified by Peninsula Accreditation # [redacted]  
Vérifié la balance Balance certifiée par # d'accréditation

Date Certified 04-18 Expiry Date 04-19 Tare 0  
Date certifiée Date d'expiration

|                         |                       |                       |                       |                       |
|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 1. <u>[redacted]</u>    | 11. <u>[redacted]</u> | 21. <u>[redacted]</u> | 31. <u>[redacted]</u> | 41. <u>[redacted]</u> |
| 2. <u>[redacted]</u>    | 12. <u>[redacted]</u> | 22. <u>[redacted]</u> | 32. <u>[redacted]</u> | 42. <u>[redacted]</u> |
| 3. <u>[redacted]</u>    | 13. <u>[redacted]</u> | 23. <u>[redacted]</u> | 33. <u>[redacted]</u> | 43. <u>[redacted]</u> |
| 4. <u>[redacted]</u>    | 14. <u>[redacted]</u> | 24. <u>[redacted]</u> | 34. <u>[redacted]</u> | 44. <u>[redacted]</u> |
| 5. <u>[redacted]</u>    | 15. <u>[redacted]</u> | 25. <u>[redacted]</u> | 35. <u>[redacted]</u> | 45. <u>[redacted]</u> |
| 6. <u>[redacted]</u>    | 16. <u>[redacted]</u> | 26. <u>[redacted]</u> | 36. <u>[redacted]</u> | 46. <u>[redacted]</u> |
| 7. <u>[redacted]</u>    | 17. <u>[redacted]</u> | 27. <u>[redacted]</u> | 37. <u>[redacted]</u> | 47. <u>[redacted]</u> |
| 8. <u>[redacted]</u>    | 18. <u>[redacted]</u> | 28. <u>[redacted]</u> | 38. <u>[redacted]</u> | 48. <u>[redacted]</u> |
| 9. <u>[redacted]</u>    | 19. <u>[redacted]</u> | 29. <u>[redacted]</u> | 39. <u>[redacted]</u> | 49. <u>[redacted]</u> |
| 10. <u>[redacted]</u>   | 20. <u>[redacted]</u> | 30. <u>[redacted]</u> | 40. <u>[redacted]</u> | 50. <u>[redacted]</u> |
| Total <u>[redacted]</u> |                       |                       |                       |                       |
| Tare <u>[redacted]</u>  |                       |                       |                       |                       |
| Net <u>[redacted]</u>   |                       |                       |                       |                       |

s.20(1)(b)

s.20(1)(c)

Total Net Weight/Poids total net [redacted] kgs. Hold Empty / Cale Vide Yes / Oui ✓ No / Non

Total weight sold (net)/Poids total vendu (net) 60.0 kgs. weight kept for personal use (net) [redacted] kgs.  
total conservé pour besoins personnels (net)

Signature (Captain/Capitaine) [redacted]  
I agree with the weight indicated. / J'accorde avec le poids indiqué.

s.19(1)

Comments: head on, gutted

SARA / LEP:

Signature (Monitor/Vérifieur) [redacted] Autorisation # 0957

DMC office use [redacted] Date 18/07/19 Initial [redacted]

July 2013 RECEIVED JUL 19 2019

SS- 005422

FIXED GEAR (GROUNDFISH) / ENGINES FIXES (POISSON DE FOND)

Fisheries and Oceans / Pêches et Océans

LOGBOOK - JOURNAL DE BORD

Vessel name  
Nom du bateau  
Sep Rebel

VRN (CFV) no.  
num. NEB (BPC)  
151795

Licence number  
Numéro de permis  
005195

ON-NO: FG- 97

Hail Out #  
No. d'appel de sortie en mer  
924270

Hail In #  
No. d'appel en mer  
924270

Port of landing  
Port de débarquement  
Pointe-Saupe

Date landed  
Date de débarquement  
JUL 11 2018

Buyer / Acheteur  
POAISHA

Address  
Adresse  
241 Esplanade St.

Species, Form and Size  
Espèce, forme et grosseur  
halibut

Quantity  
Quantité  
1

Value  
Valeur  
151795

Signature of weighmaster  
Signature du préposé au pesage  
[Signature]

Other buyer / Local sales /  
Home consumption:  
Autre acheteur / Ventes locales /  
Consommation personnelle:  
Personal

Address  
Adresse  
AKL Fish Co Ltd

Species, Form and Size  
Espèce, forme et grosseur  
Head-on

Quantity  
Quantité  
1

Value  
Valeur  
151795

Signature of weighmaster  
Signature du préposé au pesage  
[Signature]

POSITION

NFO unit area  
Date de levée  
11/11/2018

Latitude / Longitude  
48° 11' N 111° 11' W

Depth  
Profondeur  
202

Species sought  
Espèce visée  
Halibut

Hours fished (soaked)  
Heures pêchées (soignées)  
11/11/2018

Filets maillants  
Gillnets  
Longlines  
Palangres  
Handlines  
Lignes à main  
0

Hook size  
Grand croc  
0

Hook type  
Grand croc  
0

Other gears  
Autres engins  
0

Sorte de croc  
0

White hake  
Merluche blanche  
0

Amer. plaice  
Pile canadienne  
0

Winter flounder  
Pile rouge  
0

Turbot  
0

Other species  
Autres espèces  
0

CATCH ESTIMATE (LBS) ESTIMÉ DES CAPTURES (LBS)

|                                |                                 |                               |        |                                 |
|--------------------------------|---------------------------------|-------------------------------|--------|---------------------------------|
| White hake<br>Merluche blanche | Amer. plaice<br>Pile canadienne | Winter flounder<br>Pile rouge | Turbot | Other species<br>Autres espèces |
| 0                              | 0                               | 0                             | 0      | 0                               |
| 0                              | 0                               | 0                             | 0      | 0                               |
| 0                              | 0                               | 0                             | 0      | 0                               |
| 0                              | 0                               | 0                             | 0      | 0                               |

Signature - Captain / Capitaine  
[Signature]

Observer / Observateur à quai  
[Signature]

Original (white) for the DEPARTMENT / Copie (blanc) pour le MINISTRE  
Copy (green) for the FISHERMAN  
Original (blank) pour le MANIFESTE / Copies (bleu) pour les ACQUÉTES  
Copie (vert) pour le PÊCHEUR

s.19(1)  
s.20(1)(b)  
s.20(1)(c)

s.20(1)(b)  
s.20(1)(c)

s.19(1)

## Massiera, Josiane

---

**From:** Massiera, Josiane  
**Sent:** January-29-19 4:34 PM  
**To:** Dupuis, Monique  
**Cc:** Comeau, Sandra J  
**Subject:** RE: DMP Weigh Out summary report

I see in the First Page (developed internally) that they do have the estimated weight. I think that since there is no Hail out/in, that estimated should be taken from the logbook. The only problem is that if someone has an elog, they need to closed the data group prior to entering port, therefore, the Dockside monitor will not be able to get that estimated weight....

I think it's important to get that estimated weight to flag any big differences between the estimated weight and actual weight.

Josiane

---

**From:** Dupuis, Monique  
**Sent:** January-18-19 3:06 PM  
**To:** Massiera, Josiane; Comeau, Sandra J  
**Subject:** DMP Weigh Out summary report

Bonjour!

You will find in attachment, an example of what is sent to us in relations to DMP. This particular example is for the Rockcrab with SeeFish. The first page is a document SeeFish has developed internally (other Dockside monitoring companies have developed a similar page 1 as SeeFish but it is not a requirement for them to have one). The 2<sup>nd</sup> page is the DMP Weigh out summary form which is a template to use for all species and the 3<sup>rd</sup> page is a copy of the fisher logbook. If the fisher would have personal consumption, it would be indicated as per example in attachment number 2.

I would like if we can keep the same DMP Weigh Out summary form for the Lobster DMP so that we don't give too many forms to the Dockside observers.

Bon weekend!  
Monique

Monique Dupuis  
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection  
Fisheries and Oceans – Gulf Region/Government of Canada  
[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca) / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection  
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## Massiera, Josiane

---

**From:** Massiera, Josiane  
**Sent:** January-29-19 9:56 AM  
**To:** Dupuis, Monique  
**Subject:** RE: Lobster DMP meeting with DMC

Just to be ready to share the number employees on staff and work load during the spring (April 30-June 30) and Summer/Fall (August 9-October 10) periods....is there room to accommodate a small lobster coverage.  
Josiane

---

**From:** Dupuis, Monique  
**Sent:** January-29-19 9:50 AM  
**To:** Massiera, Josiane  
**Subject:** RE: Lobster DMP meeting with DMC


One DMC is asking me if there are anything he should prepare for?

Monique Dupuis  
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection  
Fisheries and Oceans – Gulf Region/Government of Canada  
[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca) / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection  
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada  
[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca) / Téléphone: 506-851-6214 / Fax: 506-851-2504

---

**From:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>  
**Sent:** January 29, 2019 9:21 AM  
**To:** Dupuis, Monique <[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca)>  
**Subject:** RE: Lobster DMP meeting with DMC

Benjamin Moore for PEI and Alan Dwyer for GNS.  
1-877-413-4781  
ID Code: 

s.16(2)(c)

---

**From:** Dupuis, Monique  
**Sent:** January-29-19 9:19 AM  
**To:** Massiera, Josiane  
**Subject:** Lobster DMP meeting with DMC

Hi,  
Who are the employees from the Area Offices that you want to participate to these? I know Sandra Comeau will be invited to participate for the 2 DMC we have in NB, but not sure who the others are. I can send the meeting requests. We have 1 DMC that is available today if we are.

Do you have teleconference coordinates? I don't have a teleconference account.

Merci!

Monique

Monique Dupuis

Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada

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Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada

Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

## Massiera, Josiane

---

**From:** Lemay, Gaëlle  
**Sent:** January-31-19 10:49 AM  
**To:** Massiera, Josiane  
**Subject:** Données sur les débarquements de homard (pour DMP)  
**Attachments:** Lobster trip counts\_2003-2016.xlsx; Lobster vessel counts\_2003-2016.xlsx; Lobster licence counts\_2003-2016.xlsx; Number of buyers\_ by Province and port of landing\_2010-2016p.xlsx

Voici les rapports qui pourraient vous donner une idée de la fréquence des débarquements par quai. J'ai aussi incluse le rapport des acheteurs par quai.

L'information 2018 n'est pas disponible (car on entre encore les données) et ajouter l'information pour 2017 demanderait de l'effort qui n'est pas nécessaire si on cherche juste à déterminer les habitudes des pêcheurs.

Tel que discuté, ce serait peut-être plus facile de communiquer avec les Associations d'usines plutôt que communiquer avec les acheteurs individuelles afin de savoir s'ils seraient ouvert à travailler avec les Compagnie de vérification à quai.

Hésite-pas de me rejoindre si tu as besoin d'autre chose!

Gaëlle Lemay

Regional Manager, Statistics Division, Strategic Services, Gulf Region  
Fisheries and Oceans Canada/Government of Canada  
[gaelle.lemay@dfo-mpo.gc.ca](mailto:gaelle.lemay@dfo-mpo.gc.ca)/Tel: 506-851-7822/Fax: 506-851-7732

Gestionnaire régionale, Division des statistiques, Services Stratégiques, Région du Golfe  
Pêches et Océans Canada/Gouvernement du Canada  
[gaelle.lemay@dfo-mpo.gc.ca](mailto:gaelle.lemay@dfo-mpo.gc.ca) /Tél: 506-851-7822/Télécopieur: 506-851-7732

*If you have received this communication by mistake, please notify the sender immediately and delete the communication without printing, copying or forwarding it. Thank you. / Si vous avez reçu cette communication par erreur, veuillez en aviser l'expéditeur immédiatement et la supprimer sans l'imprimer, la copier, ou la faire suivre. Merci.*

## Number of lobster trips by year, fishing area, Province and place landed - 2003 to 2016\*

Source: Gulf Region Statistics Database, Strategic Services, Gulf Region  
Report created on March 8, 2018

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed | Place Landed Desc    | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------|----------------------|-----------------|---------------------------|-------|
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26307        | DALHOUSIE            | 152             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26310        | JACQUET RIVER        | 101             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26313        | NEW MILLS            | 297             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26404        | BELLEDUNE            | 40              |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26408        | POINTE-VERTE         | 596             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26410        | PETIT-ROCHER         | 586             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26501        | CARAQUET             | 285             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26502        | ANSE-BLEUE           | 276             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26505        | GRANDE-ANSE          | 69              |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26508        | BAS CARAQUET         | 422             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26519        | STONEHAVEN           | 911             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26531        | MILLER BROOK WHARF   | 207             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26601        | LAMEQUE              | 10              |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26608        | PETIT SHIPPAGAN      | 530             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26611        | MISCOU HARBOUR       | 1745            |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26616        | PIGEON HILL          | 536             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26620        | STE MARIE/ST.RAPHAEL | 264             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26622        | SAVOY LANDING        | 124             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26701        | SHIPPAGAN            | 104             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26703        | INKERMAN             | 316             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26714        | LE GOULET            | 502             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26811        | TRACADIE             | 86              |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 26817        | VAL COMEAU           | 356             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 27003        | BURNT CHURCH         | 997             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 27005        | BAS NEGUAC           | 268             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 27008        | NEGUAC               | 896             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 27013        | MCEACHERN POINT      | 826             |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 27302        | BAY DU VIN RIVER     | 2               |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 27305        | ESCUMINAC            | 4126            |                           |       |
| 2003        | 700          | LOBSTER       | Spring | 23           | NB       | 27311        | EEL RIVER BRIDGE     | 585             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed           | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------|-------------------|-----------------|---------------------------|-------|
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 38819 NAUFRAGE         |                   | 3464            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 38820 NORTH LAKE       |                   | 4515            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 38821 RED HEAD         |                   | 1660            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 38824 SAVAGE HARBOUR   |                   | 1085            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 39212 SEACOW POND      |                   | 1302            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 39214 TIGNISH RUN      |                   | 6002            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 39219 JUDE'S POINT     |                   | 2               |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 39230 NORTHPORT        |                   | 3875            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 39306 DARNLEY          |                   | 198             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 39309 GRAND RIVER      |                   | 2               |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 39312 MALPEQUE         |                   | 1543            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 39316 PORT HILL        |                   | 13              |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 39328 LENNOX ISLAND    |                   | 768             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 39340 MILLIGAN'S WHARF |                   | 1259            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 39503 FRENCH RIVER     |                   | 1404            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 39504 NORTH RUSTICO    |                   | 2116            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 39507 STANLEY BRIDGE   |                   | 220             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 39510 NEW LONDON       |                   | 257             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 39602 COVEHEAD         |                   | 1154            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 24           | PE       | 39606 TRACADIE         |                   | 1498            |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14502 NORTHPORT        |                   | 291             |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14505 PUGWASH          |                   | 271             |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27504 LOGGIECROFT      |                   | 2375            |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27505 POINT SAPIN      |                   | 4149            |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27507 CAP ST. LOUIS    |                   | 1854            |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27603 CAP LUMIERE      |                   | 1651            |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27610 RICHIBUCTO       |                   | 2942            |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27625 INDIAN ISLAND    |                   | 20              |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27703 CAISSIE'S CAPE   |                   | 528             |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27706 COCAGNE CAPE     |                   | 244             |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27709 ST. EDOUARD      |                   | 454             |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27712 ST. THOMAS       |                   | 278             |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27713 COCAGNE BAR      |                   | 298             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                   | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------------|-------------------|-----------------|---------------------------|-------|
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27717 COTE STE. ANNE/CHOCKPISH |                   | 1161            |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27807 BAS CAP PELE             |                   | 243             |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27808 POINTE DU CHENE          |                   | 216             |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27809 ROBICHAUD                |                   | 474             |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27821 ABOITEAU                 |                   | 806             |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28003 CAPE TORMENTINE          |                   | 753             |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28007 PETIT CAP                |                   | 1266            |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28008 LITTLE SHEMOGUE          |                   | 207             |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28015 BOTSFORD                 |                   | 1162            |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38202 BRAE HARBOUR             |                   | 3               |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38207 HOWARD'S COVE            |                   | 1909            |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38208 MIMINEGASH               |                   | 2335            |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38215 SKINNER'S POND           |                   | 4356            |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38218 WEST POINT               |                   | 1485            |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38302 BORDEN                   |                   | 237             |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38303 CAPE EGMONT              |                   | 334             |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38305 EGMONT BAY               |                   | 806             |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38306 HIGGINS WHARF            |                   | 342             |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38310 SUMMERSIDE               |                   | 60              |                           |       |
| 2003        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38507 VICTORIA                 |                   | 211             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11001 BARRACHOIS               |                   | 433             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11102 CARIBOU/FERRY WHARF      |                   | 1783            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11106 PICTOU ISLAND EAST       |                   | 189             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11111 CAPE JOHN                |                   | 478             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11113 TONEY RIVER              |                   | 976             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11115 SKINNER'S COVE           |                   | 390             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11125 PICTOU ISLAND WEST       |                   | 237             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11201 BIG ISLAND               |                   | 179             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11202 LISMORE                  |                   | 1537            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11203 LITTLE HARBOUR           |                   | 394             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11204 MERIGOMISH               |                   | 2               |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11207 PICTOU LANDING           |                   | 434             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11303 ARISAIG                  |                   | 1194            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed             | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------|-------------------|-----------------|---------------------------|-------|
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11304 BALLANTYNE'S COVE  |                   | 933             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11305 BAYFIELD           |                   | 763             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11308 HAVRE BOUCHER      |                   | 620             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11311 LIVINGSTONE'S COVE |                   | 345             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11316 POMQUET            |                   | 37              |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11317 SOUTHSIDE HARBOUR  |                   | 213             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11318 TRACADIE           |                   | 234             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11320 BARRIOS BEACH      |                   | 392             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11321 CRIBBENS POINT     |                   | 1260            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14505 PUGWASH            |                   | 629             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14604 MALAGASH           |                   | 386             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14607 WALLACE            |                   | 675             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38505 NINE MILE CREEK    |                   | 518             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38507 VICTORIA           |                   | 131             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38603 CHARLOTTETOWN      |                   | 13              |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38608 PINETTE            |                   | 2               |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38614 WOOD ISLAND        |                   | 642             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38615 MACAULAYS WHARF    |                   | 495             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38701 BEACH POINT        |                   | 4387            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38705 GASPERAUX          |                   | 9               |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38706 GEORGETOWN         |                   | 1008            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38707 LAUNCHING          |                   | 1961            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38709 LOWER MONTAGUE     |                   | 736             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38710 MONTAGUE           |                   | 438             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38711 MURRAY HARBOUR     |                   | 57              |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38714 NEWPORT            |                   | 146             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38716 STURGEON           |                   | 304             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38720 GRAHAM'S POND      |                   | 2707            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38735 MACHON POINT       |                   | 1222            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38738 MINK RIVER         |                   | 209             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38801 SOURIS             |                   | 1409            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38802 ANNANDALE          |                   | 1795            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38813 FORTUNE            |                   | 983             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                 | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------------|-------------------|-----------------|---------------------------|-------|
| 2003        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10201 CHETICAMP              |                   | 1371            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10208 GRAND ETANG            |                   | 1136            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10209 LA POINTE              |                   | 393             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10212 MARGAREE HARBOUR       |                   | 1429            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10214 PLEASANT BAY           |                   | 934             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10301 BROAD COVE MARSH       |                   | 84              |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10304 CREIGNISH              |                   | 68              |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10306 FINLAY POINT           |                   | 615             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10308 INVERNESS              |                   | 835             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10313 LITTLE JUDIQUE HARBOUR |                   | 717             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10314 LITTLE JUDIQUE PONDS   |                   | 546             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10319 MABOU HARBOUR          |                   | 522             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10324 MURPHY'S POND          |                   | 1319            |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10330 PORT HOOD              |                   | 33              |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10341 BAXTER'S COVE          |                   | 665             |                           |       |
| 2003        | 700 LOBSTER  |               | Spring | 26B          | NS       | 11402 AUD'S COVE             |                   | 139             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26307 DALHOUSE               |                   | 25              |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26310 JACQUET RIVER          |                   | 247             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26313 NEW MILLS              |                   | 422             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26404 BELLEDUNE              |                   | 38              |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26408 POINTE-VERTE           |                   | 564             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26410 PETIT-ROCHER           |                   | 870             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26501 CARAQUET               |                   | 269             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26502 ANSE-BLEUE             |                   | 327             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26505 GRANDE-ANSE            |                   | 75              |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26508 BAS CARAQUET           |                   | 352             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26519 STONEHAVEN             |                   | 1043            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26531 MILLER BROOK WHARF     |                   | 284             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26601 LAMEQUE                |                   | 10              |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26608 PETIT SHIPPAGAN        |                   | 585             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26611 MISCOU HARBOUR         |                   | 2245            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26616 PIGEON HILL            |                   | 1595            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26620 STE MARIE/ST.RAPHAEL   |                   | 259             |                           |       |



| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed           | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------|-------------------|-----------------|---------------------------|-------|
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26622 SAVOY LANDING    |                   | 234             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26701 SHIPPAGAN        |                   | 3               |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26703 INKERMAR         |                   | 294             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26714 LE GOULET        |                   | 499             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26811 TRACADIE         |                   | 148             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 26817 VAL COMEAU       |                   | 440             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 27003 BURNT CHURCH     |                   | 963             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 27005 BAS NEGUAC       |                   | 342             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 27008 NEGUAC           |                   | 932             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 27013 MCEACHERN POINT  |                   | 902             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 27302 BAY DU VIN RIVER |                   | 2               |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 23           | NB       | 27305 ESCUMINAC        |                   | 5109            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 38819 NAUFRAGE         |                   | 3721            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 38820 NORTH LAKE       |                   | 4625            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 38821 RED HEAD         |                   | 1684            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 38824 SAVAGE HARBOUR   |                   | 1406            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 39212 SEACOW POND      |                   | 1517            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 39213 TIGNISH          |                   | 1               |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 39214 TIGNISH RUN      |                   | 6021            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 39219 JUDE'S POINT     |                   | 3               |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 39230 NORTHPORT        |                   | 4044            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 39306 DARNLEY          |                   | 187             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 39309 GRAND RIVER      |                   | 2               |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 39312 MALPEQUE         |                   | 1503            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 39316 PORT HILL        |                   | 53              |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 39328 LENNOX ISLAND    |                   | 830             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 39340 MILLIGAN'S WHARF |                   | 1299            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 39503 FRENCH RIVER     |                   | 1223            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 39504 NORTH RUSTICO    |                   | 1666            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 39507 STANLEY BRIDGE   |                   | 214             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 39510 NEW LONDON       |                   | 111             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 39602 COVEHEAD         |                   | 1068            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 24           | PE       | 39606 TRACADIE         |                   | 1614            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                   | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------------|-------------------|-----------------|---------------------------|-------|
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14502 NORTHPORT                |                   | 232             |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14505 PUGWASH                  |                   | 179             |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27504 LOGGIECROFT              |                   | 1760            |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27505 POINT SAPIN              |                   | 3609            |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27507 CAP ST. LOUIS            |                   | 1638            |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27603 CAP LUMIERE              |                   | 1274            |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27610 RICHIBUCTO               |                   | 2399            |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27617 BIG COVE                 |                   | 2               |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27625 INDIAN ISLAND            |                   | 1               |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27703 CAISSIE'S CAPE           |                   | 433             |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27706 COCAGNE CAPE             |                   | 192             |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27709 ST. EDOUARD              |                   | 426             |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27712 ST. THOMAS               |                   | 377             |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27713 COCAGNE BAR              |                   | 412             |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27717 COTE STE. ANNE/CHOCKPISH |                   | 896             |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27807 BAS CAP PELE             |                   | 431             |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27808 POINTE DU CHENE          |                   | 92              |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27809 ROBICHAUD                |                   | 257             |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27821 ABOITEAU                 |                   | 697             |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28003 CAPE TORMENTINE          |                   | 739             |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28007 PETIT CAP                |                   | 1019            |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28008 LITTLE SHEMOGUE          |                   | 174             |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28015 BOTSFORD                 |                   | 1131            |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38207 HOWARD'S COVE            |                   | 1721            |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38208 MIMINEGASH               |                   | 2223            |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38215 SKINNER'S POND           |                   | 4235            |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38218 WEST POINT               |                   | 1405            |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38302 BORDEN                   |                   | 22              |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38303 CAPE EGMONT              |                   | 421             |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38305 EGMONT BAY               |                   | 707             |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38306 HIGGINS WHARF            |                   | 311             |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38310 SUMMERSIDE               |                   | 3               |                           |       |
| 2004        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38507 VICTORIA                 |                   | 159             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed              | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|---------------------------|-------------------|-----------------|---------------------------|-------|
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11001 BARRACHOIS          |                   | 292             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11102 CARIBOU/FERRY WHARF |                   | 1891            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11106 PICTOU ISLAND EAST  |                   | 143             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11111 CAPE JOHN           |                   | 390             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11113 TONEY RIVER         |                   | 1284            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11115 SKINNER'S COVE      |                   | 476             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11125 PICTOU ISLAND WEST  |                   | 300             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11201 BIG ISLAND          |                   | 189             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11202 LISMORE             |                   | 1445            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11203 LITTLE HARBOUR      |                   | 527             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11207 PICTOU LANDING      |                   | 365             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11302 ANTIGONISH HARBOUR  |                   | 91              |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11303 ARISAIG             |                   | 1131            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11304 BALLANTYNE'S COVE   |                   | 885             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11305 BAYFIELD            |                   | 710             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11308 HAVRE BOUCHER       |                   | 566             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11311 LIVINGSTONE'S COVE  |                   | 321             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11316 POMQUET             |                   | 43              |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11317 SOUTHSIDE HARBOUR   |                   | 103             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11318 TRACADIE            |                   | 222             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11320 BARRIOS BEACH       |                   | 402             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11321 CRIBBENS POINT      |                   | 1201            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14505 PUGWASH             |                   | 722             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14604 MALAGASH            |                   | 290             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14607 WALLACE             |                   | 908             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38505 NINE MILE CREEK     |                   | 509             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38507 VICTORIA            |                   | 57              |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38603 CHARLOTTETOWN       |                   | 13              |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38608 PINETTE             |                   | 2               |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38614 WOOD ISLAND         |                   | 608             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38615 MACAULAYS WHARF     |                   | 470             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38701 BEACH POINT         |                   | 4342            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38706 GEORGETOWN          |                   | 1088            |                           |       |

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s.20(1)(c)

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                 | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------------|-------------------|-----------------|---------------------------|-------|
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38707 LAUNCHING              |                   | 2010            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38709 LOWER MONTAGUE         |                   | 656             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38710 MONTAGUE               |                   | 532             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38711 MURRAY HARBOUR         |                   | 85              |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38714 NEWPORT                |                   | 98              |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38716 STURGEON               |                   | 311             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38720 GRAHAM'S POND          |                   | 2942            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38735 MACHON POINT           |                   | 1282            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38738 MINK RIVER             |                   | 359             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38801 SOURIS                 |                   | 1364            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38802 ANNANDALE              |                   | 1838            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38813 FORTUNE                |                   | 1064            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10201 CHETICAMP              |                   | 1144            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10208 GRAND ETANG            |                   | 1170            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10209 LA POINTE              |                   | 309             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10212 MARGAREE HARBOUR       |                   | 1362            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10214 PLEASANT BAY           |                   | 825             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10304 CREIGNISH              |                   | 40              |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10306 FINLAY POINT           |                   | 580             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10308 INVERNESS              |                   | 859             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10313 LITTLE JUDIQUE HARBOUR |                   | 624             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10314 LITTLE JUDIQUE PONDS   |                   | 452             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10319 MABOU HARBOUR          |                   | 470             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10324 MURPHY'S POND          |                   | 1183            |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10330 PORT HOOD              |                   | 14              |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10341 BAXTER'S COVE          |                   | 562             |                           |       |
| 2004        | 700 LOBSTER  |               | Spring | 26B          | NS       | 11402 AUDL'S COVE            |                   | 154             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26310 JACQUET RIVER          |                   | 31              |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26313 NEW MILLS              |                   | 449             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26404 BELLEDUNE              |                   | 20              |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26408 POINTE-VERTE           |                   | 579             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26410 PETIT-ROCHER           |                   | 873             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26501 CARAQUET               |                   | 194             |                           |       |

s.20(1)(b)

s.20(1)(c)

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed               | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|----------------------------|-------------------|-----------------|---------------------------|-------|
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26502 ANSE-BLEUE           |                   | 292             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26505 GRANDE-ANSE          |                   | 62              |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26508 BAS CARAQUET         |                   | 306             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26519 STONEHAVEN           |                   | 952             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26531 MILLER BROOK WHARF   |                   | 284             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26601 LAMEQUE              |                   | 2               |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26608 PETIT SHIPPAGAN      |                   | 382             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26611 MISCOU HARBOUR       |                   | 2414            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26616 PIGEON HILL          |                   | 1903            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26620 STE MARIE/ST.RAPHAEL |                   | 377             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26622 SAVOY LANDING        |                   | 118             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26701 SHIPPAGAN            |                   | 50              |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26703 INKERMANN            |                   | 281             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26714 LE GOULET            |                   | 618             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26811 TRACADIE             |                   | 233             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 26817 VAL COMEAU           |                   | 981             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 27003 BURNT CHURCH         |                   | 857             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 27005 BAS NEGUAC           |                   | 253             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 27008 NEGUAC               |                   | 1087            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 27013 MCEACHERN POINT      |                   | 1195            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 27302 BAY DU VIN RIVER     |                   | 2               |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 27305 ESCUMINAC            |                   | 4404            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 23           | NB       | 27311 EEL RIVER BRIDGE     |                   | 444             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 38819 NAUFRAGE             |                   | 3568            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 38820 NORTH LAKE           |                   | 4477            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 38821 RED HEAD             |                   | 1583            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 38824 SAVAGE HARBOUR       |                   | 1049            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 39212 SEACOW POND          |                   | 1359            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 39213 TIGNISH              |                   | 1               |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 39214 TIGNISH RUN          |                   | 5635            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 39219 JUDE'S POINT         |                   | 2               |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 39230 NORTHPORT            |                   | 3579            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 39306 DARNLEY              |                   | 179             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                   | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------------|-------------------|-----------------|---------------------------|-------|
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 39312 MALPEQUE                 |                   | 1272            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 39316 PORT HILL                |                   | 51              |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 39328 LENNOX ISLAND            |                   | 611             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 39340 MILLIGAN'S WHARF         |                   | 1325            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 39503 FRENCH RIVER             |                   | 1445            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 39504 NORTH RUSTICO            |                   | 2070            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 39507 STANLEY BRIDGE           |                   | 188             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 39510 NEW LONDON               |                   | 307             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 39602 COVEHEAD                 |                   | 1410            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 24           | PE       | 39606 TRACADIE                 |                   | 1642            |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14502 NORTHPORT                |                   | 126             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14505 PUGWASH                  |                   | 142             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27504 LOGGECROFT               |                   | 1406            |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27505 POINT SAPIN              |                   | 3625            |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27507 CAP ST. LOUIS            |                   | 1906            |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27603 CAP LUMIERE              |                   | 1189            |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27610 RICHIBUCTO               |                   | 2507            |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27617 BIG COVE                 |                   | 1               |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27625 INDIAN ISLAND            |                   | 1               |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27703 CAISSIE'S CAPE           |                   | 476             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27706 COCAGNE CAPE             |                   | 180             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27709 ST. EDOUARD              |                   | 461             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27712 ST. THOMAS               |                   | 384             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27713 COCAGNE BAR              |                   | 438             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27717 COTE STE. ANNE/CHOCKPISH |                   | 917             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27807 BAS CAP PELE             |                   | 321             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27808 POINTE DU CHENE          |                   | 77              |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27809 ROBICHAUD                |                   | 264             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27821 ABOITEAU                 |                   | 731             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28003 CAPE TORMENTINE          |                   | 631             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28007 PETIT CAP                |                   | 971             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28008 LITTLE SHEMOGUE          |                   | 162             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28012 PORT ELGIN               |                   | 1               |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed              | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|---------------------------|-------------------|-----------------|---------------------------|-------|
| 2005        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28015 BOTSFORD            |                   | 982             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38207 HOWARD'S COVE       |                   | 1784            |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38208 MIMINEGASH          |                   | 2209            |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38215 SKINNER'S POND      |                   | 4474            |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38218 WEST POINT          |                   | 1425            |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38302 BORDEN              |                   | 128             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38303 CAPE EGMONT         |                   | 323             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38305 EGMONT BAY          |                   | 564             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38306 HIGGINS WHARF       |                   | 392             |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38310 SUMMERSIDE          |                   | 3               |                           |       |
| 2005        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38507 VICTORIA            |                   | 131             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11001 BARRACHOIS          |                   | 268             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11102 CARIBOU/FERRY WHARF |                   | 2361            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11106 PICTOU ISLAND EAST  |                   | 133             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11111 CAPE JOHN           |                   | 467             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11113 TONEY RIVER         |                   | 1060            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11115 SKINNER'S COVE      |                   | 506             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11125 PICTOU ISLAND WEST  |                   | 295             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11126 PICTOU HARBOUR      |                   | 8               |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11201 BIG ISLAND          |                   | 137             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11202 LISMORE             |                   | 1478            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11203 LITTLE HARBOUR      |                   | 455             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11207 PICTOU LANDING      |                   | 505             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11303 ARISAIG             |                   | 1198            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11304 BALLANTYNE'S COVE   |                   | 1136            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11305 BAYFIELD            |                   | 801             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11308 HAVRE BOUCHER       |                   | 577             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11311 LIVINGSTONE'S COVE  |                   | 345             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11316 POMQUET             |                   | 45              |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11317 SOUTHSIDE HARBOUR   |                   | 199             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11318 TRACADIE            |                   | 238             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11320 BARRIOS BEACH       |                   | 439             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11321 CRIBBENS POINT      |                   | 1262            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                 | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------------|-------------------|-----------------|---------------------------|-------|
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14505 PUGWASH                |                   | 546             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14604 MALAGASH               |                   | 229             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14607 WALLACE                |                   | 680             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38505 NINE MILE CREEK        |                   | 461             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38507 VICTORIA               |                   | 84              |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38603 CHARLOTTETOWN          |                   | 26              |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38608 PINETTE                |                   | 47              |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38614 WOOD ISLAND            |                   | 579             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38615 MACAULAYS WHARF        |                   | 407             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38701 BEACH POINT            |                   | 4216            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38706 GEORGETOWN             |                   | 984             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38707 LAUNCHING              |                   | 1913            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38709 LOWER MONTAGUE         |                   | 728             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38710 MONTAGUE               |                   | 465             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38711 MURRAY HARBOUR         |                   | 6               |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38714 NEWPORT                |                   | 97              |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38716 STURGEON               |                   | 299             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38720 GRAHAM'S POND          |                   | 2792            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38735 MACHON POINT           |                   | 1373            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38738 MINK RIVER             |                   | 357             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38801 SOURIS                 |                   | 1344            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38802 ANNANDALE              |                   | 1818            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38813 FORTUNE                |                   | 1107            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10201 CHETICAMP              |                   | 1252            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10208 GRAND ETANG            |                   | 1282            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10209 LA POINTE              |                   | 398             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10212 MARGAREE HARBOUR       |                   | 1759            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10214 PLEASANT BAY           |                   | 936             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10304 CREIGNISH              |                   | 39              |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10306 FINLAY POINT           |                   | 601             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10308 INVERNESS              |                   | 1011            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10313 LITTLE JUDIQUE HARBOUR |                   | 684             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10314 LITTLE JUDIQUE PONDS   |                   | 453             |                           |       |



| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed               | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|----------------------------|-------------------|-----------------|---------------------------|-------|
| 2005        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10319 MABOU HARBOUR        |                   | 481             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10324 MURPHY'S POND        |                   | 1254            |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10341 BAXTER'S COVE        |                   | 659             |                           |       |
| 2005        | 700 LOBSTER  |               | Spring | 26B          | NS       | 11402 AULD'S COVE          |                   | 180             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26310 JACQUET RIVER        |                   | 103             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26313 NEW MILLS            |                   | 740             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26404 BELLEDUNE            |                   | 73              |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26408 POINTE-VERTE         |                   | 928             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26410 PETIT-ROCHER         |                   | 938             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26501 CARAQUET             |                   | 259             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26502 ANSE-BLEUE           |                   | 267             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26505 GRANDE-ANSE          |                   | 78              |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26508 BAS CARAQUET         |                   | 297             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26519 STONEHAVEN           |                   | 930             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26531 MILLER BROOK WHARF   |                   | 331             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26601 LAMEQUE              |                   | 42              |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26608 PETIT SHIPPAGAN      |                   | 900             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26611 MISCOU HARBOUR       |                   | 2540            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26616 PIGEON HILL          |                   | 1712            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26620 STE MARIE/ST.RAPHAEL |                   | 271             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26622 SAVOY LANDING        |                   | 250             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26701 SHIPPAGAN            |                   | 2               |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26703 INKERMANN            |                   | 324             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26714 LE GOULET            |                   | 544             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26811 TRACADIE             |                   | 228             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 26817 VAL COMEAU           |                   | 945             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 27003 BURNT CHURCH         |                   | 819             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 27005 BAS NEGUAC           |                   | 361             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 27008 NEGUAC               |                   | 1397            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 27013 MCEACHERN POINT      |                   | 1361            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 27302 BAY DU VIN RIVER     |                   | 2               |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 23           | NB       | 27305 ESCUMINAC            |                   | 5004            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 38819 NAUFRAGE             |                   | 3773            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                   | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------------|-------------------|-----------------|---------------------------|-------|
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 38820 NORTH LAKE               |                   | 4756            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 38821 RED HEAD                 |                   | 1643            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 38824 SAVAGE HARBOUR           |                   | 586             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 39212 SEACOW POND              |                   | 1504            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 39214 TIGNISH RUN              |                   | 6091            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 39230 NORTHPORT                |                   | 3822            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 39306 DARNLEY                  |                   | 201             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 39312 MALPEQUE                 |                   | 1355            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 39316 PORT HILL                |                   | 50              |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 39328 LENNOX ISLAND            |                   | 834             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 39340 MILLIGAN'S WHARF         |                   | 944             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 39503 FRENCH RIVER             |                   | 1411            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 39504 NORTH RUSTICO            |                   | 1961            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 39507 STANLEY BRIDGE           |                   | 212             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 39510 NEW LONDON               |                   | 246             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 39602 COVEHEAD                 |                   | 1536            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 24           | PE       | 39606 TRACADIE                 |                   | 1567            |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14502 NORTHPORT                |                   | 145             |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14505 PUGWASH                  |                   | 111             |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27504 LOGGIECROFT              |                   | 1864            |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27505 POINT SAPIN              |                   | 3772            |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27507 CAP ST. LOUIS            |                   | 1898            |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27603 CAP LUMIERE              |                   | 1096            |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27610 RICHIBUCTO               |                   | 2228            |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27703 CAISSIE'S CAPE           |                   | 493             |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27706 COCAGNE CAPE             |                   | 137             |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27709 ST. EDOUARD              |                   | 493             |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27712 ST. THOMAS               |                   | 384             |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27713 COCAGNE BAR              |                   | 417             |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27717 COTE STE. ANNE/CHOCKPISH |                   | 915             |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27807 BAS CAP PELE             |                   | 234             |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27808 POINTE DU CHENE          |                   | 2               |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27809 ROBICHAUD                |                   | 237             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed              | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|---------------------------|-------------------|-----------------|---------------------------|-------|
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27821 ABOITEAU            |                   | 693             |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28003 CAPE TORMENTINE     |                   | 566             |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28007 PETIT CAP           |                   | 920             |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28008 LITTLE SHEMOGUE     |                   | 160             |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28015 BOTSFORD            |                   | 1016            |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38207 HOWARD'S COVE       |                   | 1886            |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38208 MIMINEGASH          |                   | 2269            |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38215 SKINNER'S POND      |                   | 4726            |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38218 WEST POINT          |                   | 1450            |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38302 BORDEN              |                   | 188             |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38303 CAPE EGMONT         |                   | 347             |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38305 EGMONT BAY          |                   | 593             |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38306 HIGGINS WHARF       |                   | 343             |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38310 SUMMERSIDE          |                   | 40              |                           |       |
| 2006        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38507 VICTORIA            |                   | 115             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11001 BARRACHOIS          |                   | 269             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11102 CARIBOU/FERRY WHARF |                   | 2769            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11106 PICTOU ISLAND EAST  |                   | 146             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11111 CAPE JOHN           |                   | 532             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11113 TONEY RIVER         |                   | 1207            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11115 SKINNER'S COVE      |                   | 529             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11125 PICTOU ISLAND WEST  |                   | 243             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11201 BIG ISLAND          |                   | 102             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11202 LISMORE             |                   | 1474            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11203 LITTLE HARBOUR      |                   | 629             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11207 PICTOU LANDING      |                   | 353             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11303 ARISAIG             |                   | 1177            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11304 BALLANTYNE'S COVE   |                   | 1193            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11305 BAYFIELD            |                   | 815             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11308 HAVRE BOUCHER       |                   | 554             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11311 LIVINGSTONE'S COVE  |                   | 349             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11316 POMQUET             |                   | 36              |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11317 SOUTHSIDE HARBOUR   |                   | 225             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                 | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------------|-------------------|-----------------|---------------------------|-------|
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11318 TRACADIE               |                   | 241             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11320 BARRIOS BEACH          |                   | 433             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11321 CRIBBENS POINT         |                   | 1253            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14505 PUGWASH                |                   | 465             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14604 MALAGASH               |                   | 240             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14607 WALLACE                |                   | 629             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38505 NINE MILE CREEK        |                   | 451             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38507 VICTORIA               |                   | 140             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38614 WOOD ISLAND            |                   | 580             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38615 MACAULAYS WHARF        |                   | 487             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38701 BEACH POINT            |                   | 4194            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38706 GEORGETOWN             |                   | 1002            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38707 LAUNCHING              |                   | 1896            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38709 LOWER MONTAGUE         |                   | 715             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38710 MONTAGUE               |                   | 376             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38711 MURRAY HARBOUR         |                   | 40              |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38714 NEWPORT                |                   | 102             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38716 STURGEON               |                   | 294             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38720 GRAHAM'S POND          |                   | 2756            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38735 MACHON POINT           |                   | 1395            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38738 MINK RIVER             |                   | 359             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38801 SOURIS                 |                   | 1230            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38802 ANNANDALE              |                   | 1064            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38813 FORTUNE                |                   | 1085            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10201 CHETICAMP              |                   | 1236            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10208 GRAND ETANG            |                   | 1159            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10209 LA POINTE              |                   | 270             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10212 MARGAREE HARBOUR       |                   | 1573            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10214 PLEASANT BAY           |                   | 902             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10304 CREIGNISH              |                   | 41              |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10306 FINLAY POINT           |                   | 583             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10308 INVERNESS              |                   | 950             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10313 LITTLE JUDIQUE HARBOUR |                   | 821             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed | Place Landed Desc    | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------|----------------------|-----------------|---------------------------|-------|
| 2006        | 700 LOBSTER  |               | Spring | 268          | NS       | 10314        | LITTLE JUDIQUE PONDS | 349             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 268          | NS       | 10319        | MABOU HARBOUR        | 499             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 268          | NS       | 10324        | MURPHY'S POND        | 1211            |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 268          | NS       | 10341        | BAXTER'S COVE        | 527             |                           |       |
| 2006        | 700 LOBSTER  |               | Spring | 268          | NS       | 11402        | AULD'S COVE          | 329             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26310        | JACQUET RIVER        | 105             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26313        | NEW MILLS            | 810             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26404        | BELLEDUNE            | 74              |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26408        | POINTE-VERTE         | 1008            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26410        | PETIT-ROCHER         | 948             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26501        | CARAQUET             | 258             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26502        | ANSE-BLEUE           | 415             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26505        | GRANDE-ANSE          | 97              |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26508        | BAS CARAQUET         | 183             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26519        | STONEHAVEN           | 734             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26531        | MILLER BROOK WHARF   | 308             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26601        | LAMEQUE              | 2               |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26608        | PETIT SHIPPAGAN      | 657             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26611        | MISCOU HARBOUR       | 2336            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26616        | PIGEON HILL          | 1815            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26620        | STE MARIE/ST.RAPHAEL | 273             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26622        | SAVOY LANDING        | 190             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26701        | SHIPPAGAN            | 53              |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26703        | INKERMAN             | 393             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26714        | LE GOULET            | 532             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26811        | TRACADIE             | 425             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 26817        | VAL COMEAU           | 1614            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 27003        | BURNT CHURCH         | 680             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 27005        | BAS NEGUAC           | 411             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 27008        | NEGUAC               | 1783            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 27013        | MCEACHERN POINT      | 1628            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 27302        | BAY DU VIN RIVER     | 2               |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 23           | NB       | 27305        | ESCUMINAC            | 5367            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                   | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------------|-------------------|-----------------|---------------------------|-------|
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 38819 NAUFRAGE                 |                   | 3624            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 38820 NORTH LAKE               |                   | 4547            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 38821 RED HEAD                 |                   | 1496            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 38824 SAVAGE HARBOUR           |                   | 793             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 39212 SEACOW POND              |                   | 1502            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 39214 TIGNISH RUN              |                   | 6026            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 39230 NORTHPORT                |                   | 3848            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 39306 DARNLEY                  |                   | 189             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 39312 MALPEQUE                 |                   | 1253            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 39316 PORT HILL                |                   | 54              |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 39328 LENNOX ISLAND            |                   | 678             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 39340 MILLIGAN'S WHARF         |                   | 1533            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 39503 FRENCH RIVER             |                   | 1315            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 39504 NORTH RUSTICO            |                   | 1788            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 39507 STANLEY BRIDGE           |                   | 280             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 39510 NEW LONDON               |                   | 353             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 39602 COVEHEAD                 |                   | 1078            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 24           | PE       | 39606 TRACADIE                 |                   | 1394            |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14502 NORTHPORT                |                   | 137             |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14505 PUGWASH                  |                   | 166             |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27504 LOGGIECROFT              |                   | 1920            |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27505 POINT SAPIN              |                   | 3794            |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27507 CAP ST. LOUIS            |                   | 1761            |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27603 CAP LUMIERE              |                   | 1111            |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27610 RICHBUCTO                |                   | 2199            |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27703 CAISSIE'S CAPE           |                   | 621             |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27706 COCAGNE CAPE             |                   | 34              |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27709 ST. EDOUARD              |                   | 479             |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27712 ST. THOMAS               |                   | 345             |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27713 COCAGNE BAR              |                   | 453             |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27717 COTE STE. ANNE/CHOCKPISH |                   | 989             |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27807 BAS CAP PELE             |                   | 319             |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27808 POINTE DU CHENE          |                   | 2               |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed              | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|---------------------------|-------------------|-----------------|---------------------------|-------|
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27809 ROBICHAUD           |                   | 204             |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27821 ABOITEAU            |                   | 767             |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28003 CAPE TORMENTINE     |                   | 687             |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28007 PETIT CAP           |                   | 1053            |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28008 LITTLE SHEMOGUE     |                   | 241             |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28015 BOTSFORD            |                   | 1035            |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38207 HOWARD'S COVE       |                   | 1891            |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38208 MIMINEGASH          |                   | 2112            |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38215 SKINNER'S POND      |                   | 4720            |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38218 WEST POINT          |                   | 1492            |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38302 BORDEN              |                   | 97              |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38303 CAPE EGMONT         |                   | 374             |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38305 EGMONT BAY          |                   | 643             |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38306 HIGGINS WHARF       |                   | 391             |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38310 SUMMERSIDE          |                   | 41              |                           |       |
| 2007        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38507 VICTORIA            |                   | 68              |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11001 BARRACHOIS          |                   | 222             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11102 CARIBOU/FERRY WHARF |                   | 2793            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11106 PICTOU ISLAND EAST  |                   | 110             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11111 CAPE JOHN           |                   | 534             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11113 TONEY RIVER         |                   | 1188            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11115 SKINNER'S COVE      |                   | 526             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11125 PICTOU ISLAND WEST  |                   | 254             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11201 BIG ISLAND          |                   | 98              |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11202 LISMORE             |                   | 1516            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11203 LITTLE HARBOUR      |                   | 717             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11207 PICTOU LANDING      |                   | 515             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11303 ARISAIG             |                   | 1131            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11304 BALLANTYNE'S COVE   |                   | 1213            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11305 BAYFIELD            |                   | 741             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11308 HAVRE BOUCHER       |                   | 349             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11311 LIVINGSTONE'S COVE  |                   | 378             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11316 POMQUET             |                   | 44              |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                 | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------------|-------------------|-----------------|---------------------------|-------|
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11317 SOUTHSIDE HARBOUR      |                   | 219             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11318 TRACADIE               |                   | 230             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11320 BARRIOS BEACH          |                   | 420             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11321 CRIBBENS POINT         |                   | 1243            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14505 PUGWASH                |                   | 420             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14604 MALAGASH               |                   | 278             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14607 WALLACE                |                   | 660             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38505 NINE MILE CREEK        |                   | 453             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38507 VICTORIA               |                   | 130             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38614 WOOD ISLAND            |                   | 583             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38615 MACAULAYS WHARF        |                   | 467             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38701 BEACH POINT            |                   | 3980            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38706 GEORGETOWN             |                   | 1012            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38707 LAUNCHING              |                   | 1886            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38709 LOWER MONTAGUE         |                   | 871             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38710 MONTAGUE               |                   | 242             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38714 NEWPORT                |                   | 107             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38716 STURGEON               |                   | 294             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38720 GRAHAM'S POND          |                   | 2818            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38735 MACHON POINT           |                   | 1651            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38738 MINK RIVER             |                   | 331             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38801 SOURIS                 |                   | 1430            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38802 ANNANDALE              |                   | 1964            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38813 FORTUNE                |                   | 1070            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10201 CHETICAMP              |                   | 1333            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10208 GRAND ETANG            |                   | 1228            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10209 LA POINTE              |                   | 304             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10212 MARGAREE HARBOUR       |                   | 1695            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10214 PLEASANT BAY           |                   | 971             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10306 FINLAY POINT           |                   | 575             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10308 INVERNESS              |                   | 945             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10313 LITTLE JUDIQUE HARBOUR |                   | 676             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10314 LITTLE JUDIQUE PONDS   |                   | 509             |                           |       |



| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed               | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|----------------------------|-------------------|-----------------|---------------------------|-------|
| 2007        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10319 MABOU HARBOUR        |                   | 480             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10324 MURPHY'S POND        |                   | 1269            |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10341 BAXTER'S COVE        |                   | 555             |                           |       |
| 2007        | 700 LOBSTER  |               | Spring | 26B          | NS       | 11402 AUD'S COVE           |                   | 324             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26310 JACQUET RIVER        |                   | 82              |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26313 NEW MILLS            |                   | 650             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26404 BELLEDUNE            |                   | 67              |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26408 POINTE-VERTE         |                   | 900             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26410 PETIT-ROCHER         |                   | 518             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26501 CARAQUET             |                   | 141             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26502 ANSE-BLEUE           |                   | 331             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26505 GRANDE-ANSE          |                   | 63              |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26508 BAS CARAQUET         |                   | 193             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26519 STONEHAVEN           |                   | 556             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26531 MILLER BROOK WHARF   |                   | 213             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26601 LAMEQUE              |                   | 80              |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26608 PETIT SHIPPAGAN      |                   | 989             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26611 MISCOU HARBOUR       |                   | 2143            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26616 PIGEON HILL          |                   | 1536            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26620 STE MARIE/ST.RAPHAEL |                   | 245             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26622 SAVOY LANDING        |                   | 480             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26701 SHIPPAGAN            |                   | 39              |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26703 INKERMANN            |                   | 553             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26714 LE GOULET            |                   | 621             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26811 TRACADIE             |                   | 307             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 26817 VAL COMEAU           |                   | 1441            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 27003 BURNT CHURCH         |                   | 721             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 27005 BAS NEGUAC           |                   | 390             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 27008 NEGUAC               |                   | 1178            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 27013 MCEACHERN POINT      |                   | 1405            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 27302 BAY DU VIN RIVER     |                   | 4               |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 23           | NB       | 27305 ESCUMINAC            |                   | 4873            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 38819 NAUFRAGE             |                   | 3474            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                   | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------------|-------------------|-----------------|---------------------------|-------|
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 38820 NORTH LAKE               |                   | 4203            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 38821 RED HEAD                 |                   | 1537            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 38824 SAVAGE HARBOUR           |                   | 1230            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 39212 SEACOW POND              |                   | 1475            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 39213 TIGNISH                  |                   | 1               |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 39214 TIGNISH RUN              |                   | 5937            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 39219 JUDE'S POINT             |                   | 2               |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 39230 NORTHPORT                |                   | 3753            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 39306 DARNLEY                  |                   | 182             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 39312 MALPEQUE                 |                   | 1161            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 39316 PORT HILL                |                   | 2               |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 39328 LENNOX ISLAND            |                   | 835             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 39340 MILLIGAN'S WHARF         |                   | 1331            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 39503 FRENCH RIVER             |                   | 1200            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 39504 NORTH RUSTICO            |                   | 1711            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 39507 STANLEY BRIDGE           |                   | 249             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 39510 NEW LONDON               |                   | 362             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 39602 COVEHEAD                 |                   | 866             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 24           | PE       | 39606 TRACADIE                 |                   | 759             |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14502 NORTHPORT                |                   | 92              |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14505 PUGWASH                  |                   | 103             |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27504 LOGGIECROFT              |                   | 1819            |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27505 POINT SAPIN              |                   | 3753            |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27507 CAP ST. LOUIS            |                   | 1783            |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27603 CAP LUMIERE              |                   | 1167            |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27610 RICHIBUCTO               |                   | 2056            |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27703 CAISSIE'S CAPE           |                   | 642             |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27706 COCAGNE CAPE             |                   | 56              |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27709 ST. EDOUARD              |                   | 441             |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27712 ST. THOMAS               |                   | 324             |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27713 COCAGNE BAR              |                   | 378             |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27717 COTE STE. ANNE/CHOCKPISH |                   | 863             |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27807 BAS CAP PELE             |                   | 364             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed | Place Landed Desc   | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------|---------------------|-----------------|---------------------------|-------|
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27808        | POINTE DU CHENE     | 4               |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27809        | ROBICHAUD           | 216             |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27821        | ABOITEAU            | 713             |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28003        | CAPE TORMENTINE     | 654             |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28007        | PETIT CAP           | 1080            |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28015        | BOTSFORD            | 1165            |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38207        | HOWARD'S COVE       | 1789            |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38208        | MIMINEGASH          | 2109            |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38215        | SKINNER'S POND      | 4743            |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38218        | WEST POINT          | 1410            |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38302        | BORDEN              | 132             |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38303        | CAPE EGMONT         | 319             |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38305        | EGMONT BAY          | 596             |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38306        | HIGGINS WHARF       | 376             |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38310        | SUMMERSIDE          | 53              |                           |       |
| 2008        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38507        | VICTORIA            | 71              |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11001        | BARRACHOIS          | 225             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11102        | CARIBOU/FERRY WHARF | 1708            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11106        | PICTOU ISLAND EAST  | 96              |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11111        | CAPE JOHN           | 492             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11113        | TONEY RIVER         | 1140            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11115        | SKINNER'S COVE      | 512             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11116        | LOGAN'S POINT       | 804             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11125        | PICTOU ISLAND WEST  | 213             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11126        | PICTOU HARBOUR      | 8               |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11201        | BIG ISLAND          | 101             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11202        | LISMORE             | 1389            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11203        | LITTLE HARBOUR      | 714             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11207        | PICTOU LANDING      | 418             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11303        | ARISAIG             | 1084            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11304        | BALLANTYNE'S COVE   | 1134            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11305        | BAYFIELD            | 766             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11308        | HAVRE BOUCHER       | 550             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed             | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------|-------------------|-----------------|---------------------------|-------|
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11311 LIVINGSTONE'S COVE |                   | 330             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11316 POMQUET            |                   | 37              |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11317 SOUTHSIDE HARBOUR  |                   | 185             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11318 TRACADIE           |                   | 222             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11320 BARRIOS BEACH      |                   | 425             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11321 CRIBBENS POINT     |                   | 1184            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14505 PUGWASH            |                   | 408             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14604 MALAGASH           |                   | 312             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14607 WALLACE            |                   | 616             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38505 NINE MILE CREEK    |                   | 376             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38507 VICTORIA           |                   | 115             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38614 WOOD ISLAND        |                   | 530             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38615 MACAULAYS WHARF    |                   | 469             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38701 BEACH POINT        |                   | 3762            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38706 GEORGETOWN         |                   | 963             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38707 LAUNCHING          |                   | 1866            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38709 LOWER MONTAGUE     |                   | 911             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38710 MONTAGUE           |                   | 251             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38714 NEWPORT            |                   | 102             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38716 STURGEON           |                   | 294             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38720 GRAHAM'S POND      |                   | 2791            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38735 MACHON POINT       |                   | 1609            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38738 MINK RIVER         |                   | 395             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38801 SOURIS             |                   | 1385            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38802 ANNANDALE          |                   | 1933            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38813 FORTUNE            |                   | 1099            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10201 CHETICAMP          |                   | 1236            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10208 GRAND ETANG        |                   | 1069            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10209 LA POINTE          |                   | 202             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10212 MARGAREE HARBOUR   |                   | 1419            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10214 PLEASANT BAY       |                   | 885             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10306 FINLAY POINT       |                   | 562             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10308 INVERNESS          |                   | 888             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed | Place Landed Desc      | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------|------------------------|-----------------|---------------------------|-------|
| 2008        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10313        | LITTLE JUDIQUE HARBOUR | 604             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10314        | LITTLE JUDIQUE PONDS   | 140             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10319        | MABOU HARBOUR          | 448             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10323        | MARYVILLE              | 321             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10324        | MURPHY'S POND          | 1318            |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10341        | BAXTER'S COVE          | 508             |                           |       |
| 2008        | 700 LOBSTER  |               | Spring | 26B          | NS       | 11402        | AULD'S COVE            | 326             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26310        | JACQUET RIVER          | 137             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26313        | NEW MILLS              | 601             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26404        | BELLEDUNE              | 69              |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26408        | POINTE-VERTE           | 597             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26410        | PETIT-ROCHER           | 774             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26501        | CARAQUET               | 239             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26502        | ANSE-BLEUE             | 581             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26505        | GRANDE-ANSE            | 287             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26508        | BAS CARAQUET           | 255             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26519        | STONEHAVEN             | 845             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26531        | MILLER BROOK WHARF     | 963             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26601        | LAMEQUE                | 76              |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26608        | PETIT SHIPPAGAN        | 987             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26611        | MISCOU HARBOUR         | 1932            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26616        | PIGEON HILL            | 1912            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26620        | STE MARIE/ST.RAPHAEL   | 1138            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26622        | SAVOY LANDING          | 462             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26701        | SHIPPAGAN              | 38              |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26703        | INKERMAN               | 698             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26714        | LE GOULET              | 2144            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26811        | TRACADIE               | 265             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 26817        | VAL COMEAU             | 1524            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 27003        | BURNT CHURCH           | 777             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 27005        | BAS NEGUAC             | 327             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 27008        | NEGUAC                 | 1528            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 27013        | MCEACHERN POINT        | 1623            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed           | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------|-------------------|-----------------|---------------------------|-------|
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 27302 BAY DU VIN RIVER |                   | 4               |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 27305 ESCUMINAC        |                   | 4779            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 23           | NB       | 27311 EEL RIVER BRIDGE |                   | 78              |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 38819 NAUFRAGE         |                   | 3277            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 38820 NORTH LAKE       |                   | 4151            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 38821 RED HEAD         |                   | 1451            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 38824 SAVAGE HARBOUR   |                   | 959             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39203 CASCUMPEC        |                   | 3               |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39212 SEACOW POND      |                   | 1377            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39213 TIGNISH          |                   | 2               |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39214 TIGNISH RUN      |                   | 5784            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39219 JUDE'S POINT     |                   | 2               |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39230 NORTHPORT        |                   | 3641            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39302 BIDEFORD         |                   | 2               |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39306 DARNLEY          |                   | 167             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39309 GRAND RIVER      |                   | 2               |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39312 MALPEQUE         |                   | 1197            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39316 PORT HILL        |                   | 2               |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39321 HARDY'S CHANNEL  |                   | 2               |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39328 LENNOX ISLAND    |                   | 994             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39340 MILLIGAN'S WHARF |                   | 1206            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39503 FRENCH RIVER     |                   | 1320            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39504 NORTH RUSTICO    |                   | 1768            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39507 STANLEY BRIDGE   |                   | 103             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39510 NEW LONDON       |                   | 260             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39602 COVEHEAD         |                   | 898             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 24           | PE       | 39606 TRACADIE         |                   | 1215            |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14502 NORTHPORT        |                   | 86              |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14505 PUGWASH          |                   | 69              |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27504 LOGGECROFT       |                   | 2262            |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27505 POINT SAPIN      |                   | 3592            |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27507 CAP ST. LOUIS    |                   | 1567            |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27603 CAP LUMIERE      |                   | 905             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                   | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------------|-------------------|-----------------|---------------------------|-------|
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27610 RICHIBUCTO               |                   | 2228            |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27703 CAISSIE'S CAPE           |                   | 561             |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27706 COCAGNE CAPE             |                   | 41              |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27709 ST. EDOUARD              |                   | 377             |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27712 ST. THOMAS               |                   | 306             |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27713 COCAGNE BAR              |                   | 370             |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27717 COTE STE. ANNE/CHOCKPISH |                   | 781             |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27807 BAS CAP PELE             |                   | 266             |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27808 POINTE DU CHENE          |                   | 31              |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27809 ROBICHAUD                |                   | 174             |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27821 ABOITEAU                 |                   | 721             |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28003 CAPE TORMENTINE          |                   | 510             |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28007 PETIT CAP                |                   | 955             |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28015 BOTSFORD                 |                   | 1116            |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38207 HOWARD'S COVE            |                   | 1398            |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38208 MIMINEGASH               |                   | 1824            |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38215 SKINNER'S POND           |                   | 3840            |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38218 WEST POINT               |                   | 1293            |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38301 ABRAMS VILLAGE           |                   | 2               |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38302 BORDEN                   |                   | 160             |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38303 CAPE EGMONT              |                   | 312             |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38305 EGMONT BAY               |                   | 516             |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38306 HIGGINS WHARF            |                   | 355             |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38310 SUMMERSIDE               |                   | 25              |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38311 FISHING COVE             |                   | 2               |                           |       |
| 2009        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38507 VICTORIA                 |                   | 25              |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11001 BARRACHOIS               |                   | 191             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11102 CARIBOU/FERRY WHARF      |                   | 1591            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11106 PICTOU ISLAND EAST       |                   | 228             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11111 CAPE JOHN                |                   | 387             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11113 TONEY RIVER              |                   | 1092            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11115 SKINNER'S COVE           |                   | 519             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11116 LOGAN'S POINT            |                   | 1017            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed             | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------|-------------------|-----------------|---------------------------|-------|
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11125 PICTOU ISLAND WEST |                   | 45              |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11201 BIG ISLAND         |                   | 152             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11202 LISMORE            |                   | 1449            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11203 LITTLE HARBOUR     |                   | 734             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11207 PICTOU LANDING     |                   | 376             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11303 ARISAIG            |                   | 1132            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11304 BALLANTYNE'S COVE  |                   | 1204            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11305 BAYFIELD           |                   | 784             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11308 HAVRE BOUCHER      |                   | 517             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11311 LIVINGSTONE'S COVE |                   | 318             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11316 POMQUET            |                   | 38              |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11317 SOUTHSIDE HARBOUR  |                   | 203             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11318 TRACADIE           |                   | 221             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11320 BARRIOS BEACH      |                   | 416             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11321 CRIBBENS POINT     |                   | 1232            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14505 PUGWASH            |                   | 365             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14604 MALAGASH           |                   | 289             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14607 WALLACE            |                   | 518             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38505 NINE MILE CREEK    |                   | 447             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38507 VICTORIA           |                   | 120             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38608 PINETTE            |                   | 2               |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38614 WOOD ISLAND        |                   | 479             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38615 MACAULAYS WHARF    |                   | 422             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38701 BEACH POINT        |                   | 3572            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38706 GEORGETOWN         |                   | 969             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38707 LAUNCHING          |                   | 1760            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38709 LOWER MONTAGUE     |                   | 624             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38710 MONTAGUE           |                   | 417             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38711 MURRAY HARBOUR     |                   | 2               |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38713 MURRAY RIVER       |                   | 2               |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38714 NEWPORT            |                   | 102             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38716 STURGEON           |                   | 335             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38720 GRAHAM'S POND      |                   | 2577            |                           |       |



| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed | Place Landed Desc      | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------|------------------------|-----------------|---------------------------|-------|
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38735        | MACHON POINT           | 1760            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38738        | MINK RIVER             | 356             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38801        | SOURIS                 | 1331            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38802        | ANNANDALE              | 1935            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38813        | FORTUNE                | 920             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10201        | CHETICAMP              | 1183            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10208        | GRAND ETANG            | 1075            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10209        | LA POINTE              | 117             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10212        | MARGAREE HARBOUR       | 1191            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10214        | PLEASANT BAY           | 821             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10306        | FINLAY POINT           | 521             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10308        | INVERNESS              | 810             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10313        | LITTLE JUDIQUE HARBOUR | 572             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10314        | LITTLE JUDIQUE PONDS   | 37              |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10319        | MABOU HARBOUR          | 426             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10323        | MARYVILLE              | 454             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10324        | MURPHY'S POND          | 1143            |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10341        | BAXTER'S COVE          | 505             |                           |       |
| 2009        | 700 LOBSTER  |               | Spring | 26B          | NS       | 11402        | AULD'S COVE            | 316             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26310        | JACQUET RIVER          | 103             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26313        | NEW MILLS              | 659             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26404        | BELLEDUNE              | 43              |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26408        | POINTE-VERTE           | 579             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26410        | PETIT-ROCHER           | 335             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26501        | CARAQUET               | 203             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26502        | ANSE-BLEUE             | 384             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26505        | GRANDE-ANSE            | 83              |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26508        | BAS CARAQUET           | 231             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26519        | STONEHAVEN             | 758             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26531        | MILLER BROOK WHARF     | 207             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26601        | LAMEQUE                | 2               |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26608        | PETIT SHIPPAGAN        | 1356            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26611        | MISCOU HARBOUR         | 2466            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|-----------------------------|-------------------|-----------------|---------------------------|-------|
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26616 PIGEON HILL           |                   | 1791            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26620 STE MARIE/ST. RAPHAEL |                   | 243             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26622 SAVOY LANDING         |                   | 370             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26701 SHIPPAGAN             |                   | 6               |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26703 INKERMEN              |                   | 482             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26714 LE GOULET             |                   | 662             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26811 TRACADIE              |                   | 185             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 26817 VAL COMEAU            |                   | 1355            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 27003 BURNT CHURCH          |                   | 794             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 27005 BAS NEGUAC            |                   | 374             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 27008 NEGUAC                |                   | 1657            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 27013 MCEACHERN POINT       |                   | 1551            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 27302 BAY DU VIN RIVER      |                   | 2               |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 27305 ESCUMINAC             |                   | 4335            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 23           | NB       | 27311 EEL RIVER BRIDGE      |                   | 772             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 38819 NAUFRAGE              |                   | 3170            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 38820 NORTH LAKE            |                   | 4089            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 38821 RED HEAD              |                   | 1469            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 38824 SAVAGE HARBOUR        |                   | 1154            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39212 SEACOW POND           |                   | 1464            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39213 TIGNISH               |                   | 2               |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39214 TIGNISH RUN           |                   | 6052            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39219 JUDE'S POINT          |                   | 2               |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39230 NORTHPORT             |                   | 3852            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39306 DARNLEY               |                   | 41              |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39307 ELLERSLIE             |                   | 553             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39309 GRAND RIVER           |                   | 1               |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39312 MALPEQUE              |                   | 1189            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39328 LENNOX ISLAND         |                   | 429             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39340 MILLIGAN'S WHARF      |                   | 1440            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39341 CONWAY NARROWS        |                   | 1               |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39503 FRENCH RIVER          |                   | 1327            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39504 NORTH RUSTICO         |                   | 1403            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                   | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------------|-------------------|-----------------|---------------------------|-------|
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39507 STANLEY BRIDGE           |                   | 149             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39510 NEW LONDON               |                   | 278             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39602 COVEHEAD                 |                   | 646             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 24           | PE       | 39606 TRACADIE                 |                   | 857             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14502 NORTHPORT                |                   | 33              |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14505 PUGWASH                  |                   | 135             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27504 LOGGIECROFT              |                   | 1805            |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27505 POINT SAPIN              |                   | 3823            |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27507 CAP ST. LOUIS            |                   | 1581            |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27603 CAP LUMIERE              |                   | 1131            |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27610 RICHIBUCTO               |                   | 2147            |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27703 CAISSIE'S CAPE           |                   | 516             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27706 COCAGNE CAPE             |                   | 120             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27709 ST. EDOUARD              |                   | 468             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27712 ST. THOMAS               |                   | 325             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27713 COCAGNE BAR              |                   | 436             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27717 COTE STE. ANNE/CHOCKPISH |                   | 864             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27807 BAS CAP PELE             |                   | 346             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27808 POINTE DU CHENE          |                   | 114             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27809 ROBICHAUD                |                   | 258             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27821 ABOITEAU                 |                   | 739             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28003 CAPE TORMENTINE          |                   | 663             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28007 PETIT CAP                |                   | 968             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28015 BOTSFORD                 |                   | 1011            |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38207 HOWARD'S COVE            |                   | 1295            |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38208 MIMINEGASH               |                   | 1312            |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38215 SKINNER'S POND           |                   | 3943            |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38218 WEST POINT               |                   | 1261            |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38302 BORDEN                   |                   | 169             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38303 CAPE EGMONT              |                   | 319             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38305 EGMONT BAY               |                   | 479             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38306 HIGGINS WHARF            |                   | 408             |                           |       |
| 2010        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38310 SUMMERSIDE               |                   | 21              |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed              | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|---------------------------|-------------------|-----------------|---------------------------|-------|
| 2010        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38507 VICTORIA            |                   | 15              |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11001 BARRACHOIS          |                   | 189             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11102 CARIBOU/FERRY WHARF |                   | 1477            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11106 PICTOU ISLAND EAST  |                   | 185             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11111 CAPE JOHN           |                   | 353             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11113 TONEY RIVER         |                   | 937             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11115 SKINNER'S COVE      |                   | 409             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11116 LOGAN'S POINT       |                   | 1028            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11201 BIG ISLAND          |                   | 158             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11202 LISMORE             |                   | 1418            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11203 LITTLE HARBOUR      |                   | 555             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11207 PICTOU LANDING      |                   | 490             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11303 ARISAIG             |                   | 1058            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11304 BALLANTYNE'S COVE   |                   | 1152            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11305 BAYFIELD            |                   | 639             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11308 HAYRE BOUCHER       |                   | 249             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11311 LIVINGSTONE'S COVE  |                   | 267             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11316 POMQUET             |                   | 37              |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11317 SOUTHSIDE HARBOUR   |                   | 197             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11318 TRACADIE            |                   | 212             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11320 BARRIOS BEACH       |                   | 336             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11321 CRIBBENS POINT      |                   | 1166            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14505 PUGWASH             |                   | 299             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14604 MALAGASH            |                   | 174             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14607 WALLACE             |                   | 446             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38505 NINE MILE CREEK     |                   | 423             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38507 VICTORIA            |                   | 121             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38608 PINETTE             |                   | 2               |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38614 WOOD ISLAND         |                   | 455             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38615 MACAULAYS WHARF     |                   | 414             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38701 BEACH POINT         |                   | 3245            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38706 GEORGETOWN          |                   | 928             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38707 LAUNCHING           |                   | 1785            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                 | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------------|-------------------|-----------------|---------------------------|-------|
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38709 LOWER MONTAGUE         |                   | 184             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38710 MONTAGUE               |                   | 741             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38711 MURRAY HARBOUR         |                   | 2               |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38713 MURRAY RIVER           |                   | 2               |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38714 NEWPORT                |                   | 98              |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38716 STURGEON               |                   | 322             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38720 GRAHAM'S POND          |                   | 2462            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38735 MACHON POINT           |                   | 1662            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38738 MINK RIVER             |                   | 221             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38801 SOURIS                 |                   | 1404            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38802 ANNANDALE              |                   | 1725            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38813 FORTUNE                |                   | 963             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10201 CHETICAMP              |                   | 1293            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10208 GRAND ETANG            |                   | 928             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10209 LA POINTE              |                   | 21              |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10212 MARGAREE HARBOUR       |                   | 1028            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10214 PLEASANT BAY           |                   | 872             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10306 FINLAY POINT           |                   | 573             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10308 INVERNESS              |                   | 785             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10313 LITTLE JUDIQUE HARBOUR |                   | 508             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10314 LITTLE JUDIQUE PONDS   |                   | 39              |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10319 MABOU HARBOUR          |                   | 403             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10323 MARYVILLE              |                   | 448             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10324 MURPHY'S POND          |                   | 1060            |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10330 PORT HOOD              |                   | 24              |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10341 BAXTER'S COVE          |                   | 500             |                           |       |
| 2010        | 700 LOBSTER  |               | Spring | 26B          | NS       | 11402 AUD'S COVE             |                   | 231             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26310 JACQUET RIVER          |                   | 65              |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26313 NEW MILLS              |                   | 546             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26404 BELLEDUNE              |                   | 50              |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26408 POINTE-VERTE           |                   | 679             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26410 PETIT-ROCHER           |                   | 349             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26501 CARAQUET               |                   | 241             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed               | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|----------------------------|-------------------|-----------------|---------------------------|-------|
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26502 ANSE-BLEUE           |                   | 206             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26505 GRANDE-ANSE          |                   | 75              |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26508 BAS CARAQUET         |                   | 255             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26519 STONEHAVEN           |                   | 759             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26531 MILLER BROOK WHARF   |                   | 259             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26601 LAMEQUE              |                   | 48              |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26608 PETIT SHIPPAGAN      |                   | 1586            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26611 MISCOU HARBOUR       |                   | 2538            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26616 PIGEON HILL          |                   | 2198            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26620 STE MARIE/ST.RAPHAEL |                   | 296             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26622 SAVOY LANDING        |                   | 246             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26703 INKERMANN            |                   | 491             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26714 LE GOULET            |                   | 778             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26811 TRACADIE             |                   | 136             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 26817 VAL COMEAU           |                   | 1569            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 27003 BURNT CHURCH         |                   | 620             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 27005 BAS NEGUAC           |                   | 241             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 27008 NEGUAC               |                   | 1596            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 27013 MCEACHERN POINT      |                   | 1947            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 27302 BAY DU VIN RIVER     |                   | 2               |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 27305 ESCUMINAC            |                   | 3851            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 23           | NB       | 27311 EEL RIVER BRIDGE     |                   | 754             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 38819 NAUFRAGE             |                   | 3056            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 38820 NORTH LAKE           |                   | 4227            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 38821 RED HEAD             |                   | 1469            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 38824 SAVAGE HARBOUR       |                   | 1096            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39212 SEACOW POND          |                   | 1301            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39213 TIGNISH              |                   | 1               |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39214 TIGNISH RUN          |                   | 5747            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39219 JUDE'S POINT         |                   | 2               |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39230 NORTHPORT            |                   | 3679            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39306 DARNLEY              |                   | 71              |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39307 ELLERSLIE            |                   | 739             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                   | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------------|-------------------|-----------------|---------------------------|-------|
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39309 GRAND RIVER              |                   | 1               |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39312 MALPEQUE                 |                   | 1325            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39328 LENNOX ISLAND            |                   | 78              |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39340 MILLIGAN'S WHARF         |                   | 1270            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39341 CONWAY NARROWS           |                   | 1               |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39503 FRENCH RIVER             |                   | 1176            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39504 NORTH RUSTICO            |                   | 1503            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39507 STANLEY BRIDGE           |                   | 191             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39510 NEW LONDON               |                   | 258             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39602 COVEHEAD                 |                   | 553             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 24           | PE       | 39606 TRACADIE                 |                   | 766             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14502 NORTHPORT                |                   | 32              |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14505 PUGWASH                  |                   | 172             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27504 LOGGECROFT               |                   | 1401            |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27505 POINT SAPIN              |                   | 3394            |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27507 CAP ST. LOUIS            |                   | 1438            |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27603 CAP LUMIERE              |                   | 847             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27610 RICHIBUCTO               |                   | 2187            |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27703 CAISSIE'S CAPE           |                   | 554             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27706 COCAGNE CAPE             |                   | 2               |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27709 ST. EDOUARD              |                   | 395             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27712 ST. THOMAS               |                   | 255             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27713 COCAGNE BAR              |                   | 371             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27717 COTE STE. ANNE/CHOCKPISH |                   | 744             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27807 BAS CAP PELE             |                   | 136             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27808 POINTE DU CHENE          |                   | 2               |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27809 ROBICHAUD                |                   | 229             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27821 ABOITEAU                 |                   | 721             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28003 CAPE TORMENTINE          |                   | 610             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28007 PETIT CAP                |                   | 751             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28015 BOTSFORD                 |                   | 968             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38207 HOWARD'S COVE            |                   | 1953            |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38208 MIMINEGASH               |                   | 1726            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed              | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|---------------------------|-------------------|-----------------|---------------------------|-------|
| 2011        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38215 SKINNER'S POND      |                   | 3612            |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38218 WEST POINT          |                   | 1262            |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38302 BORDEN              |                   | 107             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38303 CAPE EGMONT         |                   | 323             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38305 EGMONT BAY          |                   | 497             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38306 HIGGINS WHARF       |                   | 363             |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38310 SUMMERSIDE          |                   | 1               |                           |       |
| 2011        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38507 VICTORIA            |                   | 54              |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11001 BARRACHOIS          |                   | 175             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11102 CARIBOU/FERRY WHARF |                   | 1628            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11106 PICTOU ISLAND EAST  |                   | 254             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11111 CAPE JOHN           |                   | 360             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11113 TONEY RIVER         |                   | 1034            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11115 SKINNER'S COVE      |                   | 390             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11116 LOGAN'S POINT       |                   | 925             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11125 PICTOU ISLAND WEST  |                   | 5               |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11201 BIG ISLAND          |                   | 50              |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11202 LISMORE             |                   | 1463            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11203 LITTLE HARBOUR      |                   | 719             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11207 PICTOU LANDING      |                   | 620             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11303 ARISAIG             |                   | 1072            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11304 BALLANTYNE'S COVE   |                   | 1189            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11305 BAYFIELD            |                   | 816             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11308 HAVRE BOUCHER       |                   | 470             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11311 LIVINGSTONE'S COVE  |                   | 331             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11316 POMQUET             |                   | 41              |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11317 SOUTHSIDE HARBOUR   |                   | 247             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11318 TRACADIE            |                   | 190             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11320 BARRIOS BEACH       |                   | 406             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11321 CRIBBENS POINT      |                   | 1205            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14505 PUGWASH             |                   | 264             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14604 MALAGASH            |                   | 14              |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14607 WALLACE             |                   | 498             |                           |       |



| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                 | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------------|-------------------|-----------------|---------------------------|-------|
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38505 NINE MILE CREEK        |                   | 409             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38507 VICTORIA               |                   | 88              |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38608 PINETTE                |                   | 2               |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38614 WOOD ISLAND            |                   | 480             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38615 MACAULAYS WHARF        |                   | 363             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38701 BEACH POINT            |                   | 2986            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38706 GEORGETOWN             |                   | 875             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38707 LAUNCHING              |                   | 1832            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38709 LOWER MONTAGUE         |                   | 316             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38710 MONTAGUE               |                   | 604             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38711 MURRAY HARBOUR         |                   | 2               |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38713 MURRAY RIVER           |                   | 2               |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38714 NEWPORT                |                   | 98              |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38716 STURGEON               |                   | 302             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38720 GRAHAM'S POND          |                   | 2442            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38735 MACHON POINT           |                   | 1677            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38738 MINK RIVER             |                   | 237             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38801 SOURIS                 |                   | 1405            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38802 ANNANDALE              |                   | 1336            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38813 FORTUNE                |                   | 1034            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10201 CHETICAMP              |                   | 1373            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10208 GRAND ETANG            |                   | 1218            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10212 MARGAREE HARBOUR       |                   | 1191            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10214 PLEASANT BAY           |                   | 737             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10306 FINLAY POINT           |                   | 552             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10308 INVERNESS              |                   | 851             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10313 LITTLE JUDIQUE HARBOUR |                   | 632             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10314 LITTLE JUDIQUE PONDS   |                   | 423             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10319 MABOU HARBOUR          |                   | 389             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10324 MURPHY'S POND          |                   | 1178            |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10330 PORT HOOD              |                   | 42              |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10341 BAXTER'S COVE          |                   | 476             |                           |       |
| 2011        | 700 LOBSTER  |               | Spring | 26B          | NS       | 11402 AULD'S COVE            |                   | 440             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed               | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|----------------------------|-------------------|-----------------|---------------------------|-------|
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26310 JACQUET RIVER        |                   | 2               |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26313 NEW MILLS            |                   | 645             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26404 BELLEDUNE            |                   | 19              |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26408 POINTE-VERTE         |                   | 865             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26410 PETIT-ROCHER         |                   | 228             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26501 CARAQUET             |                   | 141             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26502 ANSE-BLEUE           |                   | 192             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26505 GRANDE-ANSE          |                   | 95              |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26508 BAS CARAQUET         |                   | 270             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26519 STONEHAVEN           |                   | 850             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26531 MILLER BROOK WHARF   |                   | 194             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26601 LAMEQUE              |                   | 54              |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26608 PETIT SHIPPAGAN      |                   | 1074            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26611 MISCOU HARBOUR       |                   | 2499            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26616 PIGEON HILL          |                   | 1377            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26620 STE MARIE/ST.RAPHAEL |                   | 374             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26622 SAVOY LANDING        |                   | 145             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26701 SHIPPAGAN            |                   | 6               |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26703 INKERMANN            |                   | 545             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26714 LE GOULET            |                   | 843             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26811 TRACADIE             |                   | 176             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 26817 VAL COMEAU           |                   | 1378            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 27003 BURNT CHURCH         |                   | 1014            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 27005 BAS NEGUAC           |                   | 266             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 27008 NEGUAC               |                   | 1501            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 27013 MCEACHERN POINT      |                   | 1847            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 27302 BAY DU VIN RIVER     |                   | 2               |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 27305 ESCUMINAC            |                   | 3686            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 23           | NB       | 27311 EEL RIVER BRIDGE     |                   | 853             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 38819 NAUFRAGE             |                   | 3355            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 38820 NORTH LAKE           |                   | 4271            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 38821 RED HEAD             |                   | 1597            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 38824 SAVAGE HARBOUR       |                   | 1326            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                   | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------------|-------------------|-----------------|---------------------------|-------|
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39212 SEACOW POND              |                   | 1350            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39213 TIGNISH                  |                   | 1               |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39214 TIGNISH RUN              |                   | 5738            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39219 JUDE'S POINT             |                   | 1               |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39230 NORTHPORT                |                   | 3781            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39306 DARNLEY                  |                   | 77              |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39307 ELLERSLIE                |                   | 1               |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39309 GRAND RIVER              |                   | 1               |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39312 MALPEQUE                 |                   | 1524            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39328 LENNOX ISLAND            |                   | 1148            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39340 MILLIGAN'S WHARF         |                   | 1163            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39341 CONWAY NARROWS           |                   | 1               |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39503 FRENCH RIVER             |                   | 1397            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39504 NORTH RUSTICO            |                   | 1685            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39507 STANLEY BRIDGE           |                   | 157             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39510 NEW LONDON               |                   | 373             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39602 COVEHEAD                 |                   | 917             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 24           | PE       | 39606 TRACADIE                 |                   | 989             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14502 NORTHPORT                |                   | 36              |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14505 PUGWASH                  |                   | 204             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27504 LOGGECROFT               |                   | 1546            |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27505 POINT SAPIN              |                   | 3543            |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27507 CAP ST. LOUIS            |                   | 1353            |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27603 CAP LUMIERE              |                   | 953             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27610 RICHIBUCTO               |                   | 2306            |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27703 CAISSIE'S CAPE           |                   | 478             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27706 COCAGNE CAPE             |                   | 2               |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27709 ST. EDOUARD              |                   | 325             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27712 ST. THOMAS               |                   | 256             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27713 COCAGNE BAR              |                   | 367             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27717 COTE STE. ANNE/CHOCKPISH |                   | 665             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27807 BAS CAP PELE             |                   | 151             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27808 POINTE DU CHENE          |                   | 2               |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed              | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|---------------------------|-------------------|-----------------|---------------------------|-------|
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27809 ROBICHAUD           |                   | 191             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27821 ABOITEAU            |                   | 628             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28003 CAPE TORMENTINE     |                   | 540             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28007 PETIT CAP           |                   | 640             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28015 BOTSFORD            |                   | 857             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38207 HOWARD'S COVE       |                   | 1744            |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38208 MIMINEGASH          |                   | 1507            |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38215 SKINNER'S POND      |                   | 4028            |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38218 WEST POINT          |                   | 1091            |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38302 BORDEN              |                   | 158             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38303 CAPE EGMONT         |                   | 294             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38305 EGMONT BAY          |                   | 465             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38306 HIGGINS WHARF       |                   | 357             |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38310 SUMMERSIDE          |                   | 8               |                           |       |
| 2012        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38507 VICTORIA            |                   | 33              |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11001 BARRACHOIS          |                   | 251             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11102 CARIBOU/FERRY WHARF |                   | 1833            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11106 PICTOU ISLAND EAST  |                   | 99              |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11111 CAPE JOHN           |                   | 403             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11113 TONEY RIVER         |                   | 1139            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11115 SKINNER'S COVE      |                   | 413             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11116 LOGAN'S POINT       |                   | 812             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11125 PICTOU ISLAND WEST  |                   | 150             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11201 BIG ISLAND          |                   | 54              |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11202 LISMORE             |                   | 1441            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11203 LITTLE HARBOUR      |                   | 764             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11207 PICTOU LANDING      |                   | 624             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11303 ARISAIG             |                   | 1122            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11304 BALLANTYNE'S COVE   |                   | 1260            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11305 BAYFIELD            |                   | 835             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11308 HAVRE BOUCHER       |                   | 515             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11311 LIVINGSTONE'S COVE  |                   | 231             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11316 POMQUET             |                   | 40              |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed            | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|-------------------------|-------------------|-----------------|---------------------------|-------|
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11317 SOUTHSIDE HARBOUR |                   | 257             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11318 TRACADIE          |                   | 195             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11320 BARRIOS BEACH     |                   | 427             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11321 CRIBBENS POINT    |                   | 1228            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14505 PUGWASH           |                   | 326             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14604 MALAGASH          |                   | 194             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14607 WALLACE           |                   | 410             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38505 NINE MILE CREEK   |                   | 390             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38507 VICTORIA          |                   | 94              |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38608 PINETTE           |                   | 54              |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38614 WOOD ISLAND       |                   | 492             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38615 MACAULAYS WHARF   |                   | 303             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38701 BEACH POINT       |                   | 3223            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38703 CARDIGAN BAY      |                   | 2               |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38706 GEORGETOWN        |                   | 977             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38707 LAUNCHING         |                   | 2046            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38709 LOWER MONTAGUE    |                   | 435             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38710 MONTAGUE          |                   | 672             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38711 MURRAY HARBOUR    |                   | 2               |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38713 MURRAY RIVER      |                   | 2               |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38714 NEWPORT           |                   | 106             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38716 STURGEON          |                   | 361             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38720 GRAHAM'S POND     |                   | 2573            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38735 MACHON POINT      |                   | 1551            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38738 MINK RIVER        |                   | 310             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38801 SOURIS            |                   | 1401            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38802 ANNANDALE         |                   | 1973            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38813 FORTUNE           |                   | 1010            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10201 CHETICAMP         |                   | 1388            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10208 GRAND ETANG       |                   | 1158            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10212 MARGAREE HARBOUR  |                   | 1274            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10214 PLEASANT BAY      |                   | 816             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10306 FINLAY POINT      |                   | 618             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                 | Place Landed Desc | Number of trips | Total Landed (RND in KGs) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------------|-------------------|-----------------|---------------------------|-------|
| 2012        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10308 INVERNESS              |                   | 946             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10313 LITTLE JUDIQUE HARBOUR |                   | 643             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10314 LITTLE JUDIQUE PONDS   |                   | 475             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10319 MABOU HARBOUR          |                   | 429             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10324 MURPHY'S POND          |                   | 1300            |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10330 PORT HOOD              |                   | 44              |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10341 BAXTER'S COVE          |                   | 491             |                           |       |
| 2012        | 700 LOBSTER  |               | Spring | 26B          | NS       | 11402 AULD'S COVE            |                   | 540             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26310 JACQUET RIVER          |                   | 2               |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26313 NEW MILLS              |                   | 666             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26408 POINTE-VERTE           |                   | 336             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26410 PETIT-ROCHER           |                   | 217             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26501 CARAQUET               |                   | 160             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26502 ANSE-BLEUE             |                   | 178             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26505 GRANDE-ANSE            |                   | 101             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26508 BAS CARAQUET           |                   | 318             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26519 STONEHAVEN             |                   | 916             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26531 MILLER BROOK WHARF     |                   | 195             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26601 LAMEQUE                |                   | 60              |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26608 PETIT SHIPPAGAN        |                   | 947             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26611 MISCOU HARBOUR         |                   | 2428            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26616 PIGEON HILL            |                   | 1464            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26620 STE MARIE/ST.RAPHAEL   |                   | 428             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26622 SAVOY LANDING          |                   | 147             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26701 SHIPPAGAN              |                   | 45              |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26703 INKERMEN               |                   | 566             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26714 LE GOULET              |                   | 749             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26811 TRACADIE               |                   | 336             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 26817 VAL COMEAU             |                   | 2163            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 27003 BURNT CHURCH           |                   | 944             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 27005 BAS NEGUAC             |                   | 271             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 27008 NEGUAC                 |                   | 1400            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 27013 MCEACHERN POINT        |                   | 1653            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed           | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------|-------------------|-----------------|---------------------------|-------|
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 27302 BAY DU VIN RIVER |                   | 2               |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 27305 ESCUMINAC        |                   | 3470            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 23           | NB       | 27311 EEL RIVER BRIDGE |                   | 653             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 38819 NAUFRAGE         |                   | 3018            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 38820 NORTH LAKE       |                   | 4174            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 38821 RED HEAD         |                   | 1384            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 38824 SAVAGE HARBOUR   |                   | 1208            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 39212 SEACOW POND      |                   | 1253            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 39214 TIGNISH RUN      |                   | 5570            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 39219 JUDE'S POINT     |                   | 1               |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 39230 NORTHPORT        |                   | 3490            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 39306 DARNLEY          |                   | 76              |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 39307 ELLERSLIE        |                   | 1               |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 39309 GRAND RIVER      |                   | 1               |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 39312 MALPEQUE         |                   | 1312            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 39316 PORT HILL        |                   | 10              |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 39328 LENNOX ISLAND    |                   | 873             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 39340 MILLIGAN'S WHARF |                   | 1172            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 39503 FRENCH RIVER     |                   | 1117            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 39504 NORTH RUSTICO    |                   | 1496            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 39507 STANLEY BRIDGE   |                   | 183             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 39510 NEW LONDON       |                   | 337             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 39602 COVEHEAD         |                   | 734             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 24           | PE       | 39606 TRACADIE         |                   | 904             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14502 NORTHPORT        |                   | 36              |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14505 PUGWASH          |                   | 153             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27504 LOGGIECROFT      |                   | 1534            |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27505 POINT SAPIN      |                   | 3094            |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27507 CAP ST. LOUIS    |                   | 1279            |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27603 CAP LUMIERE      |                   | 791             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27610 RICHIBUCTO       |                   | 2040            |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27703 CAISSIE'S CAPE   |                   | 407             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27706 COCAGNE CAPE     |                   | 2               |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                   | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------------|-------------------|-----------------|---------------------------|-------|
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27709 ST. EDOUARD              |                   | 361             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27712 ST. THOMAS               |                   | 248             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27713 COCAGNE BAR              |                   | 375             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27717 COTE STE. ANNE/CHOCKPISH |                   | 553             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27807 BAS CAP PELE             |                   | 142             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27808 POINTE DU CHENE          |                   | 2               |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27809 ROBICHAUD                |                   | 182             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27821 ABOITEAU                 |                   | 651             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28003 CAPE TORMENTINE          |                   | 348             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28007 PETIT CAP                |                   | 597             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28015 BOTSFORD                 |                   | 761             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38207 HOWARD'S COVE            |                   | 1934            |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38208 MIMINEGASH               |                   | 1609            |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38215 SKINNER'S POND           |                   | 4047            |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38218 WEST POINT               |                   | 1161            |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38302 BORDEN                   |                   | 135             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38303 CAPE EGMONT              |                   | 337             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38305 EGMONT BAY               |                   | 480             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38306 HIGGINS WHARF            |                   | 354             |                           |       |
| 2013        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38507 VICTORIA                 |                   | 46              |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11001 BARRACHOIS               |                   | 218             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11102 CARIBOU/FERRY WHARF      |                   | 1705            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11111 CAPE JOHN                |                   | 411             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11113 TONEY RIVER              |                   | 1003            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11115 SKINNER'S COVE           |                   | 391             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11116 LOGAN'S POINT            |                   | 828             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11125 PICTOU ISLAND WEST       |                   | 280             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11201 BIG ISLAND               |                   | 50              |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11202 LISMORE                  |                   | 1347            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11203 LITTLE HARBOUR           |                   | 768             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11207 PICTOU LANDING           |                   | 578             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11303 ARISAIG                  |                   | 1062            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11304 BALLANTYNE'S COVE        |                   | 1096            |                           |       |



s.20(1)(b)

s.20(1)(c)

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed             | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------|-------------------|-----------------|---------------------------|-------|
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11305 BAYFIELD           |                   | 728             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11308 HAVRE BOUCHER      |                   | 444             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11311 LIVINGSTONE'S COVE |                   | 157             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11315 MORRISTOWN         |                   | 13              |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11316 POMQUET            |                   | 38              |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11317 SOUTHSIDE HARBOUR  |                   | 188             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11318 TRACADIE           |                   | 96              |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11320 BARRIOS BEACH      |                   | 401             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11321 CRIBBENS POINT     |                   | 1090            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14505 PUGWASH            |                   | 310             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14604 MALAGASH           |                   | 202             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14607 WALLACE            |                   | 465             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38505 NINE MILE CREEK    |                   | 353             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38507 VICTORIA           |                   | 66              |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38608 PINETTE            |                   | 43              |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38614 WOOD ISLAND        |                   | 427             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38615 MACAULAY'S WHARF   |                   | 257             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38701 BEACH POINT        |                   | 2720            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38706 GEORGETOWN         |                   | 1073            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38707 LAUNCHING          |                   | 1791            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38709 LOWER MONTAGUE     |                   | 173             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38710 MONTAGUE           |                   | 591             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38711 MURRAY HARBOUR     |                   | 41              |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38713 MURRAY RIVER       |                   | 2               |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38714 NEWPORT            |                   | 96              |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38716 STURGEON           |                   | 316             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38720 GRAHAM'S POND      |                   | 2166            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38735 MACHON POINT       |                   | 1553            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38738 MINK RIVER         |                   | 302             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38801 SOURIS             |                   | 1362            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38802 ANNANDALE          |                   | 1396            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38813 FORTUNE            |                   | 978             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10201 CHETICAMP          |                   | 1235            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                 | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------------|-------------------|-----------------|---------------------------|-------|
| 2013        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10208 GRAND ETANG            |                   | 1029            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10212 MARGAREE HARBOUR       |                   | 1078            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10214 PLEASANT BAY           |                   | 687             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10306 FINLAY POINT           |                   | 522             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10308 INVERNESS              |                   | 789             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10313 LITTLE JUDIQUE HARBOUR |                   | 564             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10314 LITTLE JUDIQUE PONDS   |                   | 450             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10319 MABOU HARBOUR          |                   | 358             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10324 MURPHY'S POND          |                   | 1004            |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10330 PORT HOOD              |                   | 18              |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10341 BAXTER'S COVE          |                   | 420             |                           |       |
| 2013        | 700 LOBSTER  |               | Spring | 26B          | NS       | 11402 AUD'S COVE             |                   | 448             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26313 NEW MILLS              |                   | 576             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26408 POINTE-VERTE           |                   | 182             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26410 PETIT-ROCHER           |                   | 177             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26501 CARAQUET               |                   | 201             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26502 ANSE-BLEUE             |                   | 791             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26505 GRANDE-ANSE            |                   | 224             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26508 BAS CARAQUET           |                   | 283             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26519 STONEHAVEN             |                   | 1009            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26531 MILLER BROOK WHARF     |                   | 207             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26601 LAMEQUE                |                   | 54              |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26608 PETIT SHIPPAGAN        |                   | 947             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26611 MISCOU HARBOUR         |                   | 2538            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26616 PIGEON HILL            |                   | 1407            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26620 STE MARIE/ST.RAPHAEL   |                   | 494             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26622 SAVOY LANDING          |                   | 154             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26701 SHIPPAGAN              |                   | 85              |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26703 INKERMEN               |                   | 616             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26714 LE GOULET              |                   | 739             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26811 TRACADIE               |                   | 371             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 26817 VAL COMEAU             |                   | 2157            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 27003 BURNT CHURCH           |                   | 1036            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed           | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------|-------------------|-----------------|---------------------------|-------|
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 27005 BAS NEGUAC       |                   | 330             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 27008 NEGUAC           |                   | 1459            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 27013 MCEACHERN POINT  |                   | 1799            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 27305 ESCUMINAC        |                   | 3445            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 23           | NB       | 27311 EEL RIVER BRIDGE |                   | 808             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 24           | PE       | 38819 NAUFRAGE         |                   | 3183            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 24           | PE       | 38820 NORTH LAKE       |                   | 4468            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 24           | PE       | 38821 RED HEAD         |                   | 1442            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 24           | PE       | 38824 SAVAGE HARBOUR   |                   | 1335            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 24           | PE       | 39212 SEACOW POND      |                   | 1362            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 24           | PE       | 39214 TIGNISH RUN      |                   | 5904            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 24           | PE       | 39230 NORTHPORT        |                   | 3807            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 24           | PE       | 39306 DARNLEY          |                   | 108             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 24           | PE       | 39312 MALPEQUE         |                   | 1265            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 24           | PE       | 39328 LENNOX ISLAND    |                   | 937             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 24           | PE       | 39340 MILLIGAN'S WHARF |                   | 1255            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 24           | PE       | 39503 FRENCH RIVER     |                   | 1425            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 24           | PE       | 39504 NORTH RUSTICO    |                   | 1708            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 24           | PE       | 39507 STANLEY BRIDGE   |                   | 65              |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 24           | PE       | 39510 NEW LONDON       |                   | 267             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 24           | PE       | 39602 COVEHEAD         |                   | 712             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 24           | PE       | 39606 TRACADIE         |                   | 954             |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14502 NORTHPORT        |                   | 23              |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14505 PUGWASH          |                   | 212             |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27504 LOGGIECROFT      |                   | 1594            |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27505 POINT SAPIN      |                   | 4034            |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27507 CAP ST. LOUIS    |                   | 1489            |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27603 CAP LUMIERE      |                   | 1063            |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27610 RICHIBUCTO       |                   | 2172            |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27703 CAISSIE'S CAPE   |                   | 489             |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27709 ST. EDOUARD      |                   | 360             |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27712 ST. THOMAS       |                   | 213             |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27713 COCAGNE BAR      |                   | 352             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed | Place Landed Desc        | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------|--------------------------|-----------------|---------------------------|-------|
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27717        | COTE STE. ANNE/CHOCKPISH | 650             |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27807        | BAS CAP PELE             | 180             |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27809        | ROBICHAUD                | 258             |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27821        | ABOITEAU                 | 758             |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28003        | CAPE TORMENTINE          | 568             |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28007        | PETIT CAP                | 661             |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28015        | BOTSFORD                 | 827             |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38207        | HOWARD'S COVE            | 1841            |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38208        | MIMINEGASH               | 1661            |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38215        | SKINNER'S POND           | 4228            |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38218        | WEST POINT               | 1208            |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38302        | BORDEN                   | 153             |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38303        | CAPE EGMONT              | 379             |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38305        | EGMONT BAY               | 547             |                           |       |
| 2014        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38306        | HIGGINS WHARF            | 423             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11001        | BARRACHOIS               | 288             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11102        | CARIBOU/FERRY WHARF      | 2027            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11111        | CAPE JOHN                | 461             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11113        | TONEY RIVER              | 1085            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11115        | SKINNER'S COVE           | 423             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11116        | LOGAN'S POINT            | 815             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11125        | PICTOU ISLAND WEST       | 328             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11201        | BIG ISLAND               | 47              |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11202        | LISMORE                  | 1440            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11203        | LITTLE HARBOUR           | 754             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11207        | PICTOU LANDING           | 639             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11303        | ARISAIG                  | 1056            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11304        | BALLANTYNE'S COVE        | 1006            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11305        | BAYFIELD                 | 694             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11308        | HAVRE BOUCHER            | 509             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11311        | LIVINGSTONE'S COVE       | 219             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11316        | POMQUET                  | 38              |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11317        | SOUTHSIDE HARBOUR        | 242             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                 | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------------|-------------------|-----------------|---------------------------|-------|
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11318 TRACADIE               |                   | 98              |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11320 BARRIOS BEACH          |                   | 413             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11321 CRIBBENS POINT         |                   | 1182            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14505 PUGWASH                |                   | 336             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14604 MALAGASH               |                   | 212             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14607 WALLACE                |                   | 550             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38505 NINE MILE CREEK        |                   | 402             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38507 VICTORIA               |                   | 110             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38608 PINETTE                |                   | 46              |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38614 WOOD ISLAND            |                   | 448             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38615 MACAULAYS WHARF        |                   | 300             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38701 BEACH POINT            |                   | 3260            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38706 GEORGETOWN             |                   | 1358            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38707 LAUNCHING              |                   | 2049            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38709 LOWER MONTAGUE         |                   | 100             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38710 MONTAGUE               |                   | 636             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38714 NEWPORT                |                   | 102             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38716 STURGEON               |                   | 362             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38720 GRAHAM'S POND          |                   | 2384            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38735 MACHON POINT           |                   | 1706            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38738 MINK RIVER             |                   | 355             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38801 SOURIS                 |                   | 1536            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38802 ANNANDALE              |                   | 1757            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38813 FORTUNE                |                   | 1084            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10201 CHETICAMP              |                   | 1424            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10208 GRAND ETANG            |                   | 1090            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10212 MARGAREE HARBOUR       |                   | 1073            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10214 PLEASANT BAY           |                   | 722             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10306 FINLAY POINT           |                   | 453             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10308 INVERNESS              |                   | 505             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10313 LITTLE JUDIQUE HARBOUR |                   | 339             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10314 LITTLE JUDIQUE PONDS   |                   | 722             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10319 MABOU HARBOUR          |                   | 453             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed | Place Landed Desc    | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------|----------------------|-----------------|---------------------------|-------|
| 2014        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10324        | MURPHY'S POND        | 1095            |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10330        | PORT HOOD            | 88              |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10341        | BAXTER'S COVE        | 428             |                           |       |
| 2014        | 700 LOBSTER  |               | Spring | 26B          | NS       | 11402        | AULD'S COVE          | 397             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26313        | NEW MILLS            | 538             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26408        | POINTE-VERTE         | 151             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26410        | PETIT-ROCHER         | 176             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26501        | CARAQUET             | 130             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26502        | ANSE-BLEUE           | 251             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26505        | GRANDE-ANSE          | 55              |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26508        | BAS CARAQUET         | 279             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26519        | STONEHAVEN           | 1120            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26531        | MILLER BROOK WHARF   | 192             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26601        | LAMEQUE              | 55              |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26608        | PETIT SHIPPAGAN      | 893             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26611        | MISCOU HARBOUR       | 2624            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26616        | PIGEON HILL          | 1253            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26620        | STE MARIE/ST.RAPHAEL | 488             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26622        | SAVOY LANDING        | 177             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26701        | SHIPPAGAN            | 84              |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26703        | INKERMAN             | 673             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26714        | LE GOULET            | 721             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26811        | TRACADIE             | 184             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 26817        | VAL COMEAU           | 2232            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 27003        | BURNT CHURCH         | 1051            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 27005        | BAS NEGUAC           | 358             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 27008        | NEGUAC               | 1680            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 27013        | MCEACHERN POINT      | 1985            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 27305        | ESCUMINAC            | 3769            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 23           | NB       | 27311        | EEL RIVER BRIDGE     | 634             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 38819        | NAUFRAGE             | 3137            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 38820        | NORTH LAKE           | 4372            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 38821        | RED HEAD             | 1448            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                   | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------------|-------------------|-----------------|---------------------------|-------|
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 38824 SAVAGE HARBOUR           |                   | 1595            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 39210 NORTH POINT              |                   | 1               |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 39212 SEACOW POND              |                   | 1350            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 39214 TIGNISH RUN              |                   | 5656            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 39215 WEST DEVON               |                   | 1               |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 39230 NORTHPORT                |                   | 3625            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 39306 DARNLEY                  |                   | 128             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 39312 MALPEQUE                 |                   | 1265            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 39328 LENNOX ISLAND            |                   | 911             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 39340 MILLIGAN'S WHARF         |                   | 1180            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 39503 FRENCH RIVER             |                   | 1515            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 39504 NORTH RUSTICO            |                   | 1632            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 39507 STANLEY BRIDGE           |                   | 72              |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 39510 NEW LONDON               |                   | 260             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 39602 COVEHEAD                 |                   | 677             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 24           | PE       | 39606 TRACADIE                 |                   | 992             |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14502 NORTHPORT                |                   | 56              |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14505 PUGWASH                  |                   | 242             |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27504 LOGGECROFT               |                   | 1256            |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27505 POINT SAPIN              |                   | 3673            |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27507 CAP ST. LOUIS            |                   | 1369            |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27603 CAP LUMIERE              |                   | 1102            |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27610 RICHIBUCTO               |                   | 2339            |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27617 BIG COVE                 |                   | 64              |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27701 BOUCTOUCHE               |                   | 28              |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27703 CAISSIE'S CAPE           |                   | 636             |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27709 ST. EDOUARD              |                   | 381             |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27712 ST. THOMAS               |                   | 264             |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27713 COCAGNE BAR              |                   | 347             |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27717 COTE STE. ANNE/CHOCKPISH |                   | 831             |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27807 BAS CAP PELE             |                   | 220             |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27809 ROBICHAUD                |                   | 241             |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27821 ABOITEAU                 |                   | 832             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed              | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|---------------------------|-------------------|-----------------|---------------------------|-------|
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28003 CAPE TORMENTINE     |                   | 532             |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28007 PETIT CAP           |                   | 672             |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28015 BOTSFORD            |                   | 889             |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38207 HOWARD'S COVE       |                   | 2085            |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38208 MIMINEGASH          |                   | 1890            |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38215 SKINNER'S POND      |                   | 3888            |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38218 WEST POINT          |                   | 1348            |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38302 BORDEN              |                   | 146             |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38303 CAPE EGMONT         |                   | 339             |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38305 EGMONT BAY          |                   | 602             |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38306 HIGGINS WHARF       |                   | 405             |                           |       |
| 2015        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38310 SUMMERSIDE          |                   | 4               |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11001 BARRACHOIS          |                   | 269             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11102 CARIBOU/FERRY WHARF |                   | 1853            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11111 CAPE JOHN           |                   | 465             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11113 TONEY RIVER         |                   | 1002            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11115 SKINNER'S COVE      |                   | 375             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11116 LOGAN'S POINT       |                   | 796             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11125 PICTOU ISLAND WEST  |                   | 174             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11201 BIG ISLAND          |                   | 62              |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11202 LISMORE             |                   | 1336            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11203 LITTLE HARBOUR      |                   | 910             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11207 PICTOU LANDING      |                   | 602             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11303 ARISAIG             |                   | 1021            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11304 BALLANTYNE'S COVE   |                   | 948             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11305 BAYFIELD            |                   | 694             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11308 HAVRE BOUCHER       |                   | 507             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11311 LIVINGSTONE'S COVE  |                   | 225             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11317 SOUTHSIDE HARBOUR   |                   | 202             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11320 BARRIOS BEACH       |                   | 402             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11321 CRIBBENS POINT      |                   | 1144            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14505 PUGWASH             |                   | 349             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14604 MALAGASH            |                   | 199             |                           |       |



| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                 | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------------|-------------------|-----------------|---------------------------|-------|
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14607 WALLACE                |                   | 599             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38505 NINE MILE CREEK        |                   | 403             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38507 VICTORIA               |                   | 42              |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38603 CHARLOTTETOWN          |                   | 6               |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38608 PINETTE                |                   | 48              |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38614 WOOD ISLAND            |                   | 437             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38615 MACAULAYS WHARF        |                   | 272             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38701 BEACH POINT            |                   | 2716            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38706 GEORGETOWN             |                   | 964             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38707 LAUNCHING              |                   | 1782            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38709 LOWER MONTAGUE         |                   | 168             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38710 MONTAGUE               |                   | 612             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38714 NEWPORT                |                   | 92              |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38716 STURGEON               |                   | 311             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38720 GRAHAM'S POND          |                   | 2080            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38735 MACHON POINT           |                   | 1402            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38738 MINK RIVER             |                   | 379             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38801 SOURIS                 |                   | 1466            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38802 ANNANDALE              |                   | 1507            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38813 FORTUNE                |                   | 880             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26A          | NS       | 10201 CHETICAMP              |                   | 1254            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10208 GRAND ETANG            |                   | 1151            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10212 MARGAREE HARBOUR       |                   | 1195            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10214 PLEASANT BAY           |                   | 709             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10306 FINLAY POINT           |                   | 490             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10308 INVERNESS              |                   | 723             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10309 INVERSIDE              |                   | 1               |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10313 LITTLE JUDIQUE HARBOUR |                   | 527             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10314 LITTLE JUDIQUE PONDS   |                   | 415             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10319 MABOU HARBOUR          |                   | 380             |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10324 MURPHY'S POND          |                   | 1068            |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10330 PORT HOOD              |                   | 57              |                           |       |
| 2015        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10341 BAXTER'S COVE          |                   | 473             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed               | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|----------------------------|-------------------|-----------------|---------------------------|-------|
| 2015        | 700 LOBSTER  |               | Spring | 26B          | NS       | 11402 AULD'S COVE          |                   | 315             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26313 NEW MILLS            |                   | 614             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26408 POINTE-VERTE         |                   | 291             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26410 PETIT-ROCHER         |                   | 155             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26501 CARAQUET             |                   | 151             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26502 ANSE-BLEUE           |                   | 294             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26505 GRANDE-ANSE          |                   | 18              |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26508 BAS CARAQUET         |                   | 395             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26519 STONEHAVEN           |                   | 1229            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26531 MILLER BROOK WHARF   |                   | 236             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26601 LAMEQUE              |                   | 58              |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26608 PETIT SHIPPAGAN      |                   | 941             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26611 MISCOU HARBOUR       |                   | 2730            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26616 PIGEON HILL          |                   | 1382            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26620 STE MARIE/ST.RAPHAEL |                   | 588             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26622 SAVOY LANDING        |                   | 88              |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26701 SHIPPAGAN            |                   | 156             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26703 INKERMANN            |                   | 547             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26714 LE GOULET            |                   | 497             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26811 TRACADIE             |                   | 90              |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 26817 VAL COMEAU           |                   | 2286            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 27003 BURNT CHURCH         |                   | 1184            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 27005 BAS NEGUAC           |                   | 347             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 27008 NEGUAC               |                   | 1849            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 27013 MCEACHERN POINT      |                   | 1761            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 27301 BAIE STE. ANNE       |                   | 35              |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 23           | NB       | 27305 ESCUMINAC            |                   | 3947            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 38819 NAUFRAGE             |                   | 3185            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 38820 NORTH LAKE           |                   | 4111            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 38821 RED HEAD             |                   | 1405            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 38824 SAVAGE HARBOUR       |                   | 1614            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 39212 SEACOW POND          |                   | 2019            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 39214 TIGNISH RUN          |                   | 6082            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                   | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------------|-------------------|-----------------|---------------------------|-------|
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 39230 NORTHPORT                |                   | 3857            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 39306 DARNLEY                  |                   | 129             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 39307 ELLERSLIE                |                   | 50              |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 39312 MALPEQUE                 |                   | 1304            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 39328 LENNOX ISLAND            |                   | 917             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 39340 MILLIGAN'S WHARF         |                   | 1135            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 39503 FRENCH RIVER             |                   | 1502            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 39504 NORTH RUSTICO            |                   | 1636            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 39507 STANLEY BRIDGE           |                   | 75              |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 39510 NEW LONDON               |                   | 275             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 39602 COVEHEAD                 |                   | 638             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 24           | PE       | 39606 TRACADIE                 |                   | 1109            |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14502 NORTHPORT                |                   | 48              |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14505 PUGWASH                  |                   | 332             |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27504 LOGGIECROFT              |                   | 1202            |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27505 POINT SAPIN              |                   | 2224            |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27507 CAP ST. LOUIS            |                   | 1070            |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27603 CAP LUMIERE              |                   | 1397            |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27610 RICHIBUCTO               |                   | 1624            |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27701 BOUCTOUCHE               |                   | 62              |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27703 CAISSIE'S CAPE           |                   | 603             |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27709 ST. EDOUARD              |                   | 361             |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27712 ST. THOMAS               |                   | 233             |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27713 COCAGNE BAR              |                   | 486             |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27717 COTE STE. ANNE/CHOCKPISH |                   | 673             |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27807 BAS CAP PELE             |                   | 276             |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27808 POINTE DU CHENE          |                   | 160             |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27809 ROBICHAUD                |                   | 272             |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27821 ABOITEAU                 |                   | 985             |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28003 CAPE TORMENTINE          |                   | 545             |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28007 PETIT CAP                |                   | 724             |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28015 BOTSFORD                 |                   | 1133            |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38207 HOWARD'S COVE            |                   | 2280            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed              | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|---------------------------|-------------------|-----------------|---------------------------|-------|
| 2016        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38208 MIMINEGASH          |                   | 1925            |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38215 SKINNER'S POND      |                   | 3567            |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38218 WEST POINT          |                   | 1451            |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38302 BORDEN              |                   | 120             |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38303 CAPE EGMONT         |                   | 334             |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38305 EGMONT BAY          |                   | 627             |                           |       |
| 2016        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38306 HIGGINS WHARF       |                   | 459             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11001 BARRACHOIS          |                   | 308             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11102 CARIBOU/FERRY WHARF |                   | 2050            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11111 CAPE JOHN           |                   | 555             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11113 TONEY RIVER         |                   | 1109            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11115 SKINNER'S COVE      |                   | 464             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11116 LOGAN'S POINT       |                   | 777             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11125 PICTOU ISLAND WEST  |                   | 221             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11201 BIG ISLAND          |                   | 48              |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11202 LISMORE             |                   | 1426            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11203 LITTLE HARBOUR      |                   | 567             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11207 PICTOU LANDING      |                   | 777             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11303 ARISAIG             |                   | 1139            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11304 BALLANTYNE'S COVE   |                   | 1052            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11305 BAYFIELD            |                   | 764             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11308 HAVRE BOUCHER       |                   | 514             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11311 LIVINGSTONE'S COVE  |                   | 309             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11318 TRACADIE            |                   | 62              |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11320 BARRIOS BEACH       |                   | 376             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11321 CRIBBENS POINT      |                   | 1201            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14505 PUGWASH             |                   | 399             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14604 MALAGASH            |                   | 224             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14607 WALLACE             |                   | 712             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38505 NINE MILE CREEK     |                   | 462             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38507 VICTORIA            |                   | 43              |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38608 PINETTE             |                   | 51              |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38614 WOOD ISLAND         |                   | 577             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                 | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------------|-------------------|-----------------|---------------------------|-------|
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38615 MACAULAY'S WHARF       |                   | 293             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38701 BEACH POINT            |                   | 2894            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38706 GEORGETOWN             |                   | 1469            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38707 LAUNCHING              |                   | 1950            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38709 LOWER MONTAGUE         |                   | 163             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38710 MONTAGUE               |                   | 366             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38714 NEWPORT                |                   | 104             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38716 STURGEON               |                   | 356             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38720 GRAHAM'S POND          |                   | 2162            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38735 MACHON POINT           |                   | 1460            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38738 MINK RIVER             |                   | 247             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38801 SOURIS                 |                   | 1794            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38802 ANNANDALE              |                   | 1855            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38813 FORTUNE                |                   | 1124            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10201 CHETICAMP              |                   | 1415            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10208 GRAND ETANG            |                   | 1197            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10212 MARGAREE HARBOUR       |                   | 1398            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10214 PLEASANT BAY           |                   | 755             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10304 CREIGNISH              |                   | 8               |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10306 FINLAY POINT           |                   | 558             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10308 INVERNESS              |                   | 860             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10313 LITTLE JUDIQUE HARBOUR |                   | 474             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10314 LITTLE JUDIQUE PONDS   |                   | 456             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10319 MABOU HARBOUR          |                   | 300             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10324 MURPHY'S POND          |                   | 1156            |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10330 PORT HOOD              |                   | 35              |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10341 BAXTER'S COVE          |                   | 533             |                           |       |
| 2016        | 700 LOBSTER  |               | Spring | 26B          | NS       | 11402 AULD'S COVE            |                   | 301             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26313 NEW MILLS              |                   | 388             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26408 POINTE-VERTE           |                   | 197             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26410 PETIT-ROCHER           |                   | 183             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26501 CARAQUET               |                   | 461             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26502 ANSE-BLEUE             |                   | 181             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed               | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|----------------------------|-------------------|-----------------|---------------------------|-------|
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26505 GRANDE-ANSE          |                   | 72              |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26508 BAS CARAQUET         |                   | 103             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26519 STONEHAVEN           |                   | 1315            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26531 MILLER BROOK WHARF   |                   | 756             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26601 LAMEQUE              |                   | 59              |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26608 PETIT SHIPPAGAN      |                   | 976             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26611 MISCOU HARBOUR       |                   | 3290            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26616 PIGEON HILL          |                   | 2308            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26620 STE MARIE/ST.RAPHAEL |                   | 1101            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26622 SAVOY LANDING        |                   | 34              |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26701 SHIPPAGAN            |                   | 167             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26703 INKERMANN            |                   | 363             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26714 LE GOULET            |                   | 1997            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26811 TRACADIE             |                   | 157             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 26817 VAL COMEAU           |                   | 2128            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 27003 BURNT CHURCH         |                   | 521             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 27008 NEGUAC               |                   | 1549            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 27013 MCEACHERN POINT      |                   | 1886            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 23           | NB       | 27305 ESCUMINAC            |                   | 2743            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 38819 NAUFRAGE             |                   | 3180            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 38820 NORTH LAKE           |                   | 3924            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 38821 RED HEAD             |                   | 1338            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 38824 SAVAGE HARBOUR       |                   | 1668            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 39212 SEACOW POND          |                   | 1874            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 39214 TIGNISH RUN          |                   | 6085            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 39230 NORTHPORT            |                   | 3716            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 39306 DARNLEY              |                   | 179             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 39307 ELLERSLIE            |                   | 178             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 39312 MALPEQUE             |                   | 1204            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 39328 LENNOX ISLAND        |                   | 266             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 39340 MILLIGAN'S WHARF     |                   | 953             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 39503 FRENCH RIVER         |                   | 1513            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 39504 NORTH RUSTICO        |                   | 1757            |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed              | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|---------------------------|-------------------|-----------------|---------------------------|-------|
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 39505 PARK CORNER         |                   | 1               |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 39507 STANLEY BRIDGE      |                   | 86              |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 39510 NEW LONDON          |                   | 258             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 39602 COVEHEAD            |                   | 610             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 24           | PE       | 39606 TRACADIE            |                   | 1044            |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | NS       | 14505 PUGWASH             |                   | 203             |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27504 LOGGIECROFT         |                   | 115             |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27505 POINT SAPIN         |                   | 575             |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27507 CAP ST. LOUIS       |                   | 22              |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27610 RICHIBUCTO          |                   | 1               |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27703 CAISSIE'S CAPE      |                   | 613             |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27807 BAS CAP PELE        |                   | 126             |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27808 POINTE DU CHENE     |                   | 37              |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | NB       | 27821 ABOITEAU            |                   | 787             |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28003 CAPE TORMENTINE     |                   | 51              |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28007 PETIT CAP           |                   | 458             |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | NB       | 28015 BOTSFORD            |                   | 283             |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38207 HOWARD'S COVE       |                   | 682             |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38208 MIMINEGASH          |                   | 1750            |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38215 SKINNER'S POND      |                   | 1802            |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38218 WEST POINT          |                   | 1436            |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38219 WEST CAPE           |                   | 1               |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38302 BORDEN              |                   | 183             |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38303 CAPE EGMONT         |                   | 203             |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38305 EGMONT BAY          |                   | 440             |                           |       |
| 2017        | 700 LOBSTER  |               | Fall   | 25           | PE       | 38306 HIGGINS WHARF       |                   | 137             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11001 BARRACHOIS          |                   | 308             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11102 CARIBOU/FERRY WHARF |                   | 2015            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11111 CAPE JOHN           |                   | 180             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11113 TONEY RIVER         |                   | 501             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11115 SKINNER'S COVE      |                   | 379             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11116 LOGAN'S POINT       |                   | 818             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11125 PICTOU ISLAND WEST  |                   | 195             |                           |       |

| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed             | Place Landed Desc | Number of trips | Total Landed (RND in KGs) | Value |
|-------------|--------------|---------------|--------|--------------|----------|--------------------------|-------------------|-----------------|---------------------------|-------|
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11201 BIG ISLAND         |                   | 33              |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11202 LISMORE            |                   | 800             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11203 LITTLE HARBOUR     |                   | 659             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11207 PICTOU LANDING     |                   | 465             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11303 ARISAIG            |                   | 973             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11304 BALLANTYNE'S COVE  |                   | 756             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11305 BAYFIELD           |                   | 779             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11308 HAVRE BOUCHER      |                   | 552             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11311 LIVINGSTONE'S COVE |                   | 226             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11318 TRACADIE           |                   | 104             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11320 BARRIOS BEACH      |                   | 434             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 11321 CRIBBENS POINT     |                   | 756             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14505 PUGWASH            |                   | 437             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14604 MALAGASH           |                   | 222             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | NS       | 14607 WALLACE            |                   | 705             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38505 NINE MILE CREEK    |                   | 569             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38507 VICTORIA           |                   | 32              |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38608 PINETTE            |                   | 60              |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38614 WOOD ISLAND        |                   | 499             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38615 MACAULAYS WHARF    |                   | 291             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38701 BEACH POINT        |                   | 2871            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38706 GEORGETOWN         |                   | 1396            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38707 LAUNCHING          |                   | 1963            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38709 LOWER MONTAGUE     |                   | 154             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38710 MONTAGUE           |                   | 413             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38714 NEWPORT            |                   | 102             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38716 STURGEON           |                   | 348             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38720 GRAHAM'S POND      |                   | 2088            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38735 MACHON POINT       |                   | 1555            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38738 MINK RIVER         |                   | 206             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38801 SOURIS             |                   | 1837            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38802 ANNANDALE          |                   | 1745            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26A          | PE       | 38813 FORTUNE            |                   | 972             |                           |       |



| Landed Year | Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed                 | Place Landed Desc | Number of trips | Total Landed (RND in KGS) | Value |
|-------------|--------------|---------------|--------|--------------|----------|------------------------------|-------------------|-----------------|---------------------------|-------|
| 2017        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10201 CHETICAMP              |                   | 1323            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10208 GRAND ETANG            |                   | 1108            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10212 MARGAREE HARBOUR       |                   | 1229            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10214 PLEASANT BAY           |                   | 690             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10306 FINLAY POINT           |                   | 534             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10308 INVERNESS              |                   | 919             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10313 LITTLE JUDIQUE HARBOUR |                   | 503             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10314 LITTLE JUDIQUE PONDS   |                   | 437             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10319 MABOU HARBOUR          |                   | 267             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10324 MURPHY'S POND          |                   | 1118            |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10330 PORT HOOD              |                   | 2               |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26B          | NS       | 10341 BAXTER'S COVE          |                   | 526             |                           |       |
| 2017        | 700 LOBSTER  |               | Spring | 26B          | NS       | 11402 AULD'S COVE            |                   | 350             |                           |       |

Number of lobster trips by year, fishing area, Province and place landed - 2003 to 2016\*

Source: Gulf Region Statistics Database, Strategic Services, Gulf Region  
Report created on March 8, 2018

| Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed | Place Landed Desc          | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|--------------|---------------|--------|--------------|----------|--------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26307 DALHOUSIE            | 152  | 25   |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26310 JACQUET RIVER        | 101  | 247  | 31   | 103  | 105  | 82   | 137  | 103  | 65   | 2    | 2    |      |      |      |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26313 NEW MILLS            | 297  | 422  | 449  | 740  | 810  | 650  | 601  | 659  | 546  | 645  | 666  | 576  | 538  | 614  |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26404 BELLEDUNE            | 40   | 38   | 20   | 73   | 74   | 67   | 69   | 43   | 50   | 19   |      |      |      |      |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26408 POINTE-VERTE         | 596  | 564  | 579  | 928  | 1008 | 900  | 597  | 579  | 679  | 865  | 336  | 182  | 151  | 291  |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26410 PETIT-ROCHER         | 586  | 870  | 873  | 938  | 948  | 518  | 774  | 335  | 349  | 228  | 217  | 177  | 176  | 155  |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26501 CARAQUET             | 285  | 269  | 194  | 259  | 258  | 141  | 239  | 203  | 241  | 141  | 160  | 201  | 130  | 151  |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26502 ANSE-BLEUE           | 276  | 327  | 292  | 267  | 415  | 331  | 581  | 384  | 206  | 192  | 178  | 791  | 251  | 294  |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26505 GRANDE-ANSE          | 69   | 75   | 62   | 78   | 97   | 63   | 287  | 83   | 75   | 95   | 101  | 224  | 55   | 18   |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26508 BAS CARAQUET         | 422  | 352  | 306  | 297  | 183  | 193  | 255  | 231  | 255  | 270  | 318  | 283  | 279  | 395  |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26519 STONEHAVEN           | 911  | 1043 | 952  | 930  | 734  | 556  | 845  | 758  | 759  | 850  | 916  | 1009 | 1120 | 1229 |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26531 MILLER BROOK WHARF   | 207  | 284  | 284  | 331  | 308  | 213  | 963  | 207  | 259  | 194  | 195  | 207  | 192  | 236  |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26601 LAMEQUE              | 10   | 10   | 2    | 42   | 2    | 80   | 76   | 2    | 48   | 54   | 60   | 54   | 55   | 58   |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26608 PETIT SHIPPAGAN      | 530  | 585  | 382  | 900  | 657  | 989  | 987  | 1356 | 1586 | 1074 | 947  | 947  | 893  | 941  |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26611 MISCOU HARBOUR       | 1745 | 2245 | 2414 | 2540 | 2336 | 2143 | 1932 | 2466 | 2538 | 2499 | 2428 | 2538 | 2624 | 2730 |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26616 PIGEON HILL          | 536  | 1595 | 1903 | 1712 | 1815 | 1536 | 1912 | 1791 | 2198 | 1377 | 1464 | 1407 | 1253 | 1382 |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26620 STE MARIE/ST RAPHAEL | 264  | 259  | 377  | 271  | 273  | 245  | 1138 | 243  | 296  | 374  | 428  | 494  | 488  | 588  |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26622 SAVOY LANDING        | 124  | 234  | 118  | 250  | 190  | 480  | 462  | 370  | 246  | 145  | 147  | 154  | 177  | 88   |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26701 SHIPPAGAN            | 104  | 3    | 50   | 2    | 53   | 39   | 38   | 6    |      | 6    | 45   | 85   | 84   | 156  |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26703 INKERMANN            | 316  | 294  | 281  | 324  | 393  | 553  | 698  | 482  | 491  | 545  | 566  | 616  | 673  | 547  |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26714 LE GOULET            | 502  | 499  | 618  | 544  | 532  | 621  | 2144 | 662  | 778  | 843  | 749  | 739  | 721  | 497  |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26811 TRACADIE             | 86   | 148  | 233  | 228  | 425  | 307  | 265  | 185  | 136  | 176  | 336  | 371  | 184  | 90   |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 26817 VAL COMEAU           | 356  | 440  | 981  | 945  | 1614 | 1441 | 1524 | 1355 | 1569 | 1378 | 2163 | 2157 | 2232 | 2286 |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 27003 BURNT CHURCH         | 997  | 963  | 857  | 819  | 680  | 721  | 777  | 794  | 620  | 1014 | 944  | 1036 | 1051 | 1184 |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 27005 BAS NEGUAC           | 268  | 342  | 253  | 361  | 411  | 390  | 327  | 374  | 241  | 266  | 271  | 330  | 358  | 347  |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 27008 NEGUAC               | 896  | 932  | 1087 | 1397 | 1783 | 1178 | 1528 | 1657 | 1596 | 1501 | 1400 | 1459 | 1680 | 1849 |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 27013 MCEACHERN POINT      | 826  | 902  | 1195 | 1361 | 1628 | 1405 | 1623 | 1551 | 1947 | 1847 | 1653 | 1799 | 1985 | 1761 |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 27301 BAIE STE. ANNE       |      |      |      |      |      |      |      |      |      |      |      |      |      | 35   |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 27302 BAY DU VIN RIVER     | 2    | 2    | 2    | 2    | 2    | 4    | 4    | 2    | 2    | 2    | 2    |      |      |      |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 27305 ESCUMINAC            | 4126 | 5109 | 4404 | 5004 | 5367 | 4873 | 4779 | 4335 | 3851 | 3686 | 3470 | 3445 | 3769 | 3947 |
| 700 LOBSTER  |               | Spring | 23           | NB       |              | 27311 EEL RIVER BRIDGE     | 585  |      | 444  |      |      |      | 78   | 772  | 754  | 853  | 653  | 808  | 634  |      |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 38819 NAUFRAGE             | 3464 | 3721 | 3568 | 3773 | 3624 | 3474 | 3277 | 3170 | 3056 | 3355 | 3018 | 3183 | 3137 | 3185 |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 38820 NORTH LAKE           | 4515 | 4625 | 4477 | 4756 | 4547 | 4203 | 4151 | 4089 | 4227 | 4271 | 4174 | 4468 | 4372 | 4111 |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 38821 RED HEAD             | 1660 | 1684 | 1583 | 1643 | 1496 | 1537 | 1451 | 1469 | 1469 | 1597 | 1384 | 1442 | 1448 | 1405 |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 38824 SAVAGE HARBOUR       | 1085 | 1406 | 1049 | 586  | 793  | 1230 | 959  | 1154 | 1096 | 1326 | 1208 | 1335 | 1595 | 1614 |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39203 CASCUMPEC            |      |      |      |      |      |      | 3    |      |      |      |      |      |      |      |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39210 NORTH POINT          |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39212 SEACOW POND          | 1302 | 1517 | 1359 | 1504 | 1502 | 1475 | 1377 | 1464 | 1301 | 1350 | 1253 | 1362 | 1350 | 2019 |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39213 TIGNISH              |      | 1    | 1    |      |      | 1    | 2    | 2    | 1    | 1    |      |      |      |      |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39214 TIGNISH RUN          | 6002 | 6021 | 5635 | 6091 | 6026 | 5937 | 5784 | 6052 | 5747 | 5738 | 5570 | 5904 | 5656 | 6082 |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39215 WEST DEVON           |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39219 JUDE'S POINT         | 2    | 3    | 2    |      |      | 2    | 2    | 2    | 2    | 2    | 1    | 1    |      |      |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39230 NORTHPORT            | 3875 | 4044 | 3579 | 3822 | 3848 | 3753 | 3641 | 3852 | 3679 | 3781 | 3490 | 3807 | 3625 | 3857 |

| Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed | Place Landed Desc              | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|--------------|---------------|--------|--------------|----------|--------------|--------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39302 BIDEFORD                 | 198  | 187  | 179  | 201  | 189  | 182  | 167  | 41   | 71   | 77   | 76   | 108  | 128  | 129  |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39306 DARNLEY                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39307 ELLERSLIE                |      |      |      |      |      |      |      | 553  | 739  | 1    | 1    |      |      | 50   |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39309 GRAND RIVER              | 2    | 2    |      |      |      |      | 2    | 1    | 1    | 1    | 1    |      |      |      |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39312 MALPEQUE                 | 1543 | 1503 | 1272 | 1355 | 1253 | 1161 | 1197 | 1189 | 1325 | 1524 | 1312 | 1265 | 1265 | 1304 |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39316 PORT HILL                | 13   | 53   | 51   | 50   | 54   | 2    |      | 2    |      |      | 10   |      |      |      |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39321 HARDY'S CHANNEL          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39328 LENNOX ISLAND            | 768  | 830  | 611  | 834  | 678  | 835  | 994  | 429  | 78   | 1148 | 873  | 937  | 911  | 917  |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39340 MILLIGAN'S WHARF         | 1259 | 1299 | 1325 | 944  | 1533 | 1331 | 1206 | 1440 | 1270 | 1163 | 1172 | 1255 | 1180 | 1135 |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39341 CONWAY NARROWS           |      |      |      |      |      |      | 1    |      | 1    | 1    |      |      |      |      |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39503 FRENCH RIVER             | 1404 | 1223 | 1445 | 1411 | 1315 | 1200 | 1320 | 1327 | 1176 | 1397 | 1117 | 1425 | 1515 | 1502 |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39504 NORTH RUSTICO            | 2116 | 1666 | 2070 | 1961 | 1788 | 1711 | 1768 | 1403 | 1503 | 1685 | 1496 | 1708 | 1632 | 1636 |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39505 PARK CORNER              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39507 STANLEY BRIDGE           | 220  | 214  | 188  | 212  | 280  | 249  | 103  | 149  | 191  | 157  | 183  | 65   | 72   | 75   |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39510 NEW LONDON               | 257  | 111  | 307  | 246  | 353  | 362  | 260  | 278  | 258  | 373  | 337  | 267  | 260  | 275  |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39602 COVEHEAD                 | 1154 | 1068 | 1410 | 1536 | 1078 | 866  | 898  | 646  | 553  | 917  | 734  | 712  | 677  | 638  |
| 700 LOBSTER  |               | Spring | 24           | PE       |              | 39606 TRACADIE                 | 1498 | 1614 | 1642 | 1567 | 1394 | 759  | 1215 | 857  | 766  | 989  | 904  | 954  | 992  | 1109 |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27504 LOGGECROFT               | 2375 | 1760 | 1406 | 1864 | 1920 | 1819 | 2262 | 1805 | 1401 | 1546 | 1534 | 1594 | 1256 | 1202 |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27505 POINT SAPIN              | 4149 | 3609 | 3625 | 3772 | 3794 | 3753 | 3592 | 3823 | 3394 | 3543 | 3094 | 4034 | 3673 | 2224 |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27507 CAP ST. LOUIS            | 1854 | 1638 | 1906 | 1898 | 1761 | 1783 | 1567 | 1581 | 1438 | 1353 | 1279 | 1489 | 1369 | 1070 |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27603 CAP LUMIERE              | 1651 | 1274 | 1189 | 1096 | 1111 | 1167 | 905  | 1131 | 847  | 953  | 791  | 1063 | 1102 | 1397 |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27610 RICHIBUCTO               | 2942 | 2399 | 2507 | 2228 | 2199 | 2056 | 2228 | 2147 | 2187 | 2306 | 2040 | 2172 | 2339 | 1624 |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27617 BIG COVE                 |      | 2    | 1    |      |      |      |      |      |      |      |      |      |      | 64   |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27625 INDIAN ISLAND            | 20   | 1    | 1    |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27701 BOUCTOUCHE               |      |      |      |      |      |      |      |      |      |      |      |      | 28   | 62   |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27703 CAISSIE'S CAPE           | 528  | 433  | 476  | 493  | 621  | 642  | 561  | 516  | 554  | 478  | 407  | 489  | 636  | 603  |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27706 COCAGNE CAPE             | 244  | 192  | 180  | 137  | 34   | 56   | 41   | 120  | 2    | 2    |      |      |      |      |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27709 ST. EDOUARD              | 454  | 426  | 461  | 493  | 479  | 441  | 377  | 468  | 395  | 325  | 361  | 360  | 381  | 361  |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27712 ST. THOMAS               | 278  | 377  | 384  | 384  | 345  | 324  | 306  | 325  | 255  | 256  | 248  | 213  | 264  | 233  |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27713 COCAGNE BAR              | 298  | 412  | 438  | 417  | 453  | 378  | 370  | 436  | 371  | 367  | 375  | 352  | 347  | 486  |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27717 COTE STE. ANNE/CHOCKPISH | 1161 | 896  | 917  | 915  | 989  | 863  | 781  | 864  | 744  | 665  | 553  | 650  | 831  | 673  |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27807 BAS CAP PELE             | 243  | 431  | 321  | 234  | 319  | 364  | 266  | 346  | 136  | 151  | 142  | 180  | 220  | 276  |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27808 POINTE DU CHENE          | 216  | 92   | 77   | 2    | 2    | 4    | 31   | 114  | 2    | 2    |      |      |      | 160  |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27809 ROBICHAUD                | 474  | 257  | 264  | 237  | 204  | 216  | 174  | 258  | 229  | 191  | 182  | 258  | 241  | 272  |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 27821 ABOITEAU                 | 806  | 697  | 731  | 693  | 767  | 713  | 721  | 739  | 721  | 628  | 651  | 758  | 832  | 985  |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 28003 CAPE TORMENTINE          | 753  | 739  | 631  | 566  | 687  | 654  | 510  | 663  | 610  | 540  | 348  | 568  | 532  | 545  |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 28007 PETIT CAP                | 1266 | 1019 | 971  | 920  | 1053 | 1080 | 955  | 968  | 751  | 640  | 597  | 661  | 672  | 724  |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 28008 LITTLE SHEMOGUE          | 207  | 174  | 162  | 160  | 241  |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 28012 PORT ELGIN               |      |      | 1    |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |               | Fall   | 25           | NB       |              | 28015 BOTSFORD                 | 1162 | 1131 | 982  | 1016 | 1035 | 1165 | 1116 | 1011 | 968  | 857  | 761  | 827  | 889  | 1133 |
| 700 LOBSTER  |               | Fall   | 25           | NS       |              | 14502 NORTHPORT                | 291  | 232  | 126  | 145  | 137  | 92   | 86   | 33   | 32   | 36   | 36   | 23   | 56   | 48   |
| 700 LOBSTER  |               | Fall   | 25           | NS       |              | 14505 PUGWASH                  | 271  | 179  | 142  | 111  | 166  | 103  | 69   | 135  | 172  | 204  | 153  | 212  | 242  | 332  |
| 700 LOBSTER  |               | Fall   | 25           | PE       |              | 38202 BRAE HARBOUR             | 3    |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |               | Fall   | 25           | PE       |              | 38207 HOWARD'S COVE            | 1909 | 1721 | 1784 | 1886 | 1891 | 1789 | 1398 | 1295 | 1953 | 1744 | 1934 | 1841 | 2085 | 2280 |
| 700 LOBSTER  |               | Fall   | 25           | PE       |              | 38208 MIMINGASH                | 2335 | 2223 | 2209 | 2269 | 2112 | 2109 | 1824 | 1312 | 1726 | 1507 | 1609 | 1661 | 1890 | 1925 |
| 700 LOBSTER  |               | Fall   | 25           | PE       |              | 38215 SKINNER'S POND           | 4356 | 4235 | 4474 | 4726 | 4720 | 4743 | 3840 | 3943 | 3612 | 4028 | 4047 | 4228 | 3888 | 3567 |

| Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed | Place Landed Desc         | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|--------------|---------------|--------|--------------|----------|--------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 700 LOBSTER  |               | Fall   | 25           | PE       |              | 38218 WEST POINT          | 1485 | 1405 | 1425 | 1450 | 1492 | 1410 | 1293 | 1261 | 1262 | 1091 | 1161 | 1208 | 1348 | 1451 |
| 700 LOBSTER  |               | Fall   | 25           | PE       |              | 38219 WEST CAPE           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |               | Fall   | 25           | PE       |              | 38301 ABRAMS VILLAGE      |      |      |      |      |      |      | 2    |      |      |      |      |      |      |      |
| 700 LOBSTER  |               | Fall   | 25           | PE       |              | 38302 BORDEN              | 237  | 22   | 128  | 188  | 97   | 132  | 160  | 169  | 107  | 158  | 135  | 153  | 146  | 120  |
| 700 LOBSTER  |               | Fall   | 25           | PE       |              | 38303 CAPE EGOMT          | 334  | 421  | 323  | 347  | 374  | 319  | 312  | 319  | 323  | 294  | 337  | 379  | 339  | 334  |
| 700 LOBSTER  |               | Fall   | 25           | PE       |              | 38305 EGOMT BAY           | 806  | 707  | 564  | 593  | 643  | 596  | 516  | 479  | 497  | 465  | 480  | 547  | 602  | 627  |
| 700 LOBSTER  |               | Fall   | 25           | PE       |              | 38306 HIGGINS WHARF       | 342  | 311  | 392  | 343  | 391  | 376  | 355  | 408  | 363  | 357  | 354  | 423  | 405  | 459  |
| 700 LOBSTER  |               | Fall   | 25           | PE       |              | 38310 SUMMERSIDE          | 60   | 3    | 3    | 40   | 41   | 53   | 25   | 21   | 1    | 8    |      |      | 4    |      |
| 700 LOBSTER  |               | Fall   | 25           | PE       |              | 38311 FISHING COVE        |      |      |      |      |      |      | 2    |      |      |      |      |      |      |      |
| 700 LOBSTER  |               | Fall   | 25           | PE       |              | 38507 VICTORIA            | 211  | 159  | 131  | 115  | 68   | 71   | 25   | 15   | 54   | 33   | 46   |      |      |      |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11001 BARRACHOIS          | 433  | 292  | 268  | 269  | 222  | 225  | 191  | 189  | 175  | 251  | 218  | 288  | 269  | 308  |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11102 CARIBOU/FERRY WHARF | 1783 | 1891 | 2361 | 2769 | 2793 | 1708 | 1591 | 1477 | 1628 | 1833 | 1705 | 2027 | 1853 | 2050 |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11106 PICTOU ISLAND EAST  | 189  | 143  | 133  | 146  | 110  | 96   | 228  | 185  | 254  | 99   |      |      |      |      |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11111 CAPE JOHN           | 478  | 390  | 467  | 532  | 534  | 492  | 387  | 353  | 360  | 403  | 411  | 461  | 465  | 555  |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11113 TONEY RIVER         | 976  | 1284 | 1060 | 1207 | 1188 | 1140 | 1092 | 937  | 1034 | 1139 | 1003 | 1085 | 1002 | 1109 |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11115 SKINNER'S COVE      | 390  | 476  | 506  | 529  | 526  | 512  | 519  | 409  | 390  | 413  | 391  | 423  | 375  | 464  |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11116 LOGAN'S POINT       |      |      |      |      |      | 804  | 1017 | 1028 | 925  | 812  | 828  | 815  | 796  | 777  |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11125 PICTOU ISLAND WEST  | 237  | 300  | 295  | 243  | 254  | 213  | 45   |      | 5    | 150  | 280  | 328  | 174  | 221  |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11126 PICTOU HARBOUR      |      |      | 8    |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11201 BIG ISLAND          | 179  | 189  | 137  | 102  | 98   | 101  | 152  | 158  | 50   | 54   | 50   | 47   | 62   | 48   |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11202 LISMORE             | 1537 | 1445 | 1478 | 1474 | 1516 | 1389 | 1449 | 1418 | 1463 | 1441 | 1347 | 1440 | 1336 | 1426 |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11203 LITTLE HARBOUR      | 394  | 527  | 455  | 629  | 717  | 714  | 734  | 555  | 719  | 764  | 768  | 754  | 910  | 567  |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11204 MERIGOMISH          | 2    |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11207 PICTOU LANDING      | 434  | 365  | 505  | 353  | 515  | 418  | 376  | 490  | 620  | 624  | 578  | 639  | 602  | 777  |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11302 ANTIGONISH HARBOUR  |      | 91   |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11303 ARISAIG             | 1194 | 1131 | 1198 | 1177 | 1131 | 1084 | 1132 | 1058 | 1072 | 1122 | 1062 | 1056 | 1021 | 1139 |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11304 BALLANTYNE'S COVE   | 933  | 885  | 1136 | 1193 | 1213 | 1134 | 1204 | 1152 | 1189 | 1260 | 1096 | 1006 | 948  | 1052 |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11305 BAYFIELD            | 763  | 710  | 801  | 815  | 741  | 766  | 784  | 639  | 816  | 835  | 728  | 694  | 694  | 764  |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11308 HAVRE BOUCHER       | 620  | 566  | 577  | 554  | 349  | 550  | 517  | 249  | 470  | 515  | 444  | 509  | 507  | 514  |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11311 LIVINGSTONE'S COVE  | 345  | 321  | 345  | 349  | 378  | 330  | 318  | 267  | 331  | 231  | 157  | 219  | 225  | 309  |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11315 MORRISTOWN          |      |      |      |      |      |      |      |      |      |      | 13   |      |      |      |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11316 POMQUET             | 37   | 43   | 45   | 36   | 44   | 37   | 38   | 37   | 41   | 40   | 38   | 38   |      |      |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11317 SOUTHSIDE HARBOUR   | 213  | 103  | 199  | 225  | 219  | 185  | 203  | 197  | 247  | 257  | 188  | 242  | 202  |      |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11318 TRACADIE            | 234  | 222  | 238  | 241  | 230  | 222  | 221  | 212  | 190  | 195  | 96   | 98   |      | 62   |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11320 BARRIOS BEACH       | 392  | 402  | 439  | 433  | 420  | 425  | 416  | 336  | 406  | 427  | 401  | 413  | 402  | 376  |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 11321 CRIBBEN'S POINT     | 1260 | 1201 | 1262 | 1253 | 1243 | 1184 | 1232 | 1166 | 1205 | 1228 | 1090 | 1182 | 1144 | 1201 |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 14505 PUGWASH             | 629  | 722  | 546  | 465  | 420  | 408  | 365  | 299  | 264  | 326  | 310  | 336  | 349  | 399  |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 14604 MALAGASH            | 386  | 290  | 229  | 240  | 278  | 312  | 289  | 174  | 14   | 194  | 202  | 212  | 199  | 224  |
| 700 LOBSTER  |               | Spring | 26A          | NS       |              | 14607 WALLACE             | 675  | 908  | 680  | 629  | 660  | 616  | 518  | 446  | 498  | 410  | 465  | 550  | 599  | 712  |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38505 NINE MILE CREEK     | 518  | 509  | 461  | 451  | 453  | 376  | 447  | 423  | 409  | 390  | 353  | 402  | 403  | 462  |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38507 VICTORIA            | 131  | 57   | 84   | 140  | 130  | 115  | 120  | 121  | 88   | 94   | 66   | 110  | 42   | 43   |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38603 CHARLOTTETOWN       | 13   | 13   | 26   |      |      |      |      |      |      |      |      |      | 6    |      |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38608 PINETTE             | 2    | 2    | 47   |      |      |      | 2    | 2    | 2    | 54   | 43   | 46   | 48   | 51   |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38614 WOOD ISLAND         | 642  | 608  | 579  | 580  | 583  | 530  | 479  | 455  | 480  | 492  | 427  | 448  | 437  | 577  |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38615 MACAULAYS WHARF     | 495  | 470  | 407  | 487  | 467  | 469  | 422  | 414  | 363  | 303  | 257  | 300  | 272  | 293  |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38701 BEACH POINT         | 4387 | 4342 | 4216 | 4194 | 3980 | 3762 | 3572 | 3245 | 2986 | 3223 | 2720 | 3260 | 2716 | 2894 |

| Species Code | Species Desc. | Season | Fishing Area | Province | Place Landed | Place Landed Desc            | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|--------------|---------------|--------|--------------|----------|--------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38703 CARDIGAN BAY           |      |      |      |      |      |      |      |      |      | 2    |      |      |      |      |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38705 GASPERAUX              | 9    |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38706 GEORGETOWN             | 1008 | 1088 | 984  | 1002 | 1012 | 963  | 969  | 928  | 875  | 977  | 1073 | 1358 | 964  | 1469 |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38707 LAUNCHING              | 1961 | 2010 | 1913 | 1896 | 1886 | 1866 | 1760 | 1785 | 1832 | 2046 | 1791 | 2049 | 1782 | 1950 |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38709 LOWER MONTAGUE         | 736  | 656  | 728  | 715  | 871  | 911  | 624  | 184  | 316  | 435  | 173  | 100  | 168  | 163  |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38710 MONTAGUE               | 438  | 532  | 465  | 376  | 242  | 251  | 417  | 741  | 604  | 672  | 591  | 636  | 612  | 366  |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38711 MURRAY HARBOUR         | 57   | 85   | 6    | 40   |      |      | 2    | 2    | 2    | 2    | 41   |      |      |      |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38713 MURRAY RIVER           |      |      |      |      |      |      | 2    | 2    | 2    | 2    | 2    |      |      |      |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38714 NEWPORT                | 146  | 98   | 97   | 102  | 107  | 102  | 102  | 98   | 98   | 106  | 96   | 102  | 92   | 104  |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38716 STURGEON               | 304  | 311  | 299  | 294  | 294  | 294  | 335  | 322  | 302  | 361  | 316  | 362  | 311  | 356  |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38720 GRAHAM'S POND          | 2707 | 2942 | 2792 | 2756 | 2818 | 2791 | 2577 | 2462 | 2442 | 2573 | 2166 | 2384 | 2080 | 2162 |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38735 MACHON POINT           | 1222 | 1282 | 1373 | 1395 | 1651 | 1609 | 1760 | 1662 | 1677 | 1551 | 1553 | 1706 | 1402 | 1460 |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38738 MINK RIVER             | 209  | 359  | 357  | 359  | 331  | 395  | 356  | 221  | 237  | 310  | 302  | 355  | 379  | 247  |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38801 SOURIS                 | 1409 | 1364 | 1344 | 1230 | 1430 | 1385 | 1331 | 1404 | 1405 | 1401 | 1362 | 1536 | 1466 | 1794 |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38802 ANNANDALE              | 1795 | 1838 | 1818 | 1064 | 1964 | 1933 | 1935 | 1725 | 1336 | 1973 | 1396 | 1757 | 1507 | 1855 |
| 700 LOBSTER  |               | Spring | 26A          | PE       |              | 38813 FORTUNE                | 983  | 1064 | 1107 | 1085 | 1070 | 1099 | 920  | 963  | 1034 | 1010 | 978  | 1084 | 880  | 1124 |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 10201 CHETICAMP              | 1371 | 1144 | 1252 | 1236 | 1333 | 1236 | 1183 | 1293 | 1373 | 1388 | 1235 | 1424 | 1254 | 1415 |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 10208 GRAND ETANG            | 1136 | 1170 | 1282 | 1159 | 1228 | 1069 | 1075 | 928  | 1218 | 1158 | 1029 | 1090 | 1151 | 1197 |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 10209 LA POINTE              | 393  | 309  | 398  | 270  | 304  | 202  | 117  | 21   |      |      |      |      |      |      |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 10212 MARGAREE HARBOUR       | 1429 | 1362 | 1759 | 1573 | 1695 | 1419 | 1191 | 1028 | 1191 | 1274 | 1078 | 1073 | 1195 | 1398 |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 10214 PLEASANT BAY           | 934  | 825  | 936  | 902  | 971  | 885  | 821  | 872  | 737  | 816  | 687  | 722  | 709  | 755  |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 10301 BROAD COVE MARSH       | 84   |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 10304 CREIGNISH              | 68   | 40   | 39   | 41   |      |      |      |      |      |      |      |      |      | 8    |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 10306 FINLAY POINT           | 615  | 580  | 601  | 583  | 575  | 562  | 521  | 573  | 552  | 618  | 522  | 453  | 490  | 558  |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 10308 INVERNESS              | 835  | 859  | 1011 | 950  | 945  | 888  | 810  | 785  | 851  | 946  | 789  | 505  | 723  | 860  |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 10309 INVERSIDE              |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 10313 LITTLE JUDIQUE HARBOUR | 717  | 624  | 684  | 821  | 676  | 604  | 572  | 508  | 632  | 643  | 564  | 339  | 527  | 474  |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 10314 LITTLE JUDIQUE PONDS   | 546  | 452  | 453  | 349  | 509  | 140  | 37   | 39   | 423  | 475  | 450  | 722  | 415  | 456  |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 10319 MABOU HARBOUR          | 522  | 470  | 481  | 499  | 480  | 448  | 426  | 403  | 389  | 429  | 358  | 453  | 380  | 300  |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 10323 MARYVILLE              |      |      |      |      |      | 321  | 454  | 448  |      |      |      |      |      |      |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 10324 MURPHY'S POND          | 1319 | 1183 | 1254 | 1211 | 1269 | 1318 | 1143 | 1060 | 1178 | 1300 | 1004 | 1095 | 1068 | 1156 |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 10330 PORT HOOD              | 33   | 14   |      |      |      |      |      | 24   | 42   | 44   | 18   | 88   | 57   | 35   |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 10341 BAXTER'S COVE          | 665  | 562  | 659  | 527  | 555  | 508  | 505  | 500  | 476  | 491  | 420  | 428  | 473  | 533  |
| 700 LOBSTER  |               | Spring | 26B          | NS       |              | 11402 AULD'S COVE            | 139  | 154  | 180  | 329  | 324  | 326  | 316  | 231  | 440  | 540  | 448  | 397  | 315  | 301  |

\* 2016 data is preliminary and subject to ch

# **Number of lobster licences with reported landings by year, fishing area Province and place landed - 2003 to 2016\***

Source: Gulf Region Statistics Database, Strategic Services, Gulf Region  
Report created on March 7, 2018

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26307        | DALHOUSIE             | 6                  |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26310        | JACQUET RIVER         |                    |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26313        | NEW MILLS             | 14                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26404        | BELLEDUNE             |                    |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26408        | POINTE-VERTE          | 21                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26410        | PETIT-ROCHER          | 22                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26501        | CARAQUET              | 14                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26502        | ANSE-BLEUE            | 19                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26505        | GRANDE-ANSE           | 9                  |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26508        | BAS CARAQUET          | 19                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26519        | STONEHAVEN            | 31                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26531        | MILLER BROOK WHARF    | 26                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26601        | LAMEQUE               |                    |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26608        | PETIT SHIPPAGAN       | 39                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26611        | MISCOU HARBOUR        | 61                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26616        | PIGEON HILL           | 67                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26620        | STE MARIE/ST.RAPHAEL  | 30                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26622        | SAVOY LANDING         | 16                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26701        | SHIPPAGAN             |                    |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26703        | INKERMAN              | 20                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26714        | LE GOULET             | 55                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26811        | TRACADIE              | 11                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 26817        | VAL COMEAU            | 43                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 27003        | BURNT CHURCH          | 25                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 27005        | BAS NEGUAC            | 12                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 27008        | NEGUAC                | 41                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 27013        | MCEACHERN POINT       | 43                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 27302        | BAY DU VIN RIVER      |                    |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 27305        | ESCUMINAC             | 96                 |
| 2003        | 700          | LOBSTER             | Spring | 23           | NB                           | 27311        | EEL RIVER BRIDGE      | 16                 |
| 2003        | 700          | LOBSTER             | Spring | 24           | PEI                          | 38819        | NAUFRAGE              | 76                 |
| 2003        | 700          | LOBSTER             | Spring | 24           | PEI                          | 38820        | NORTH LAKE            | 92                 |
| 2003        | 700          | LOBSTER             | Spring | 24           | PEI                          | 38821        | RED HEAD              | 33                 |
| 2003        | 700          | LOBSTER             | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR        | 20                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description    | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|--------------------|
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39212        | SEACOW POND              | 26                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39214        | TIGNISH RUN              | 118                |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39219        | JUDE'S POINT             |                    |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39230        | NORTHPORT                | 79                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39306        | DARNLEY                  |                    |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39309        | GRAND RIVER              |                    |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39312        | MALPEQUE                 |                    |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39316        | PORT HILL                | 33                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND            |                    |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF         | 22                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39503        | FRENCH RIVER             | 26                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO            | 29                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE           | 36                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39510        | NEW LONDON               | 5                  |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39602        | COVEHEAD                 | 7                  |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39606        | TRACADIE                 | 15                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27504        | LOGGECROFT               | 19                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27505        | POINT SAPIN              | 58                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27507        | CAP ST. LOUIS            | 99                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27603        | CAP LUMIERE              | 51                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27610        | RICHIBUCTO               | 39                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27625        | INDIAN ISLAND            | 90                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27703        | CAISSIE'S CAPE           |                    |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27706        | COCAGNE CAPE             | 13                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27709        | ST. EDOUARD              | 6                  |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27712        | ST. THOMAS               | 12                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27713        | COCAGNE BAR              | 9                  |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27717        | COTE STE. ANNE/CHOCKPISH | 8                  |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27807        | BAS CAP PELE             | 34                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27808        | POINTE DU CHENE          | 8                  |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27809        | ROBICHAUD                | 7                  |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27821        | ABOITEAU                 | 16                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 28003        | CAPE TORMENTINE          | 26                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 28007        | PETIT CAP                | 22                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 28008        | LITTLE SHEMOGUE          | 35                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 28015        | BOTSFORD                 | 6                  |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NS                           | 14502        | NORTHPORT                | 29                 |
| 2003        | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           |                              |              |                          | 7                  |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2003        | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14505        | PUGWASH               | 8                  |
| 2003        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38202        | BRAE HARBOUR          | 38                 |
| 2003        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE         | 49                 |
| 2003        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMINEGASH            | 100                |
| 2003        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND        | 29                 |
| 2003        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT            | 6                  |
| 2003        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                | 10                 |
| 2003        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT           | 21                 |
| 2003        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY            | 8                  |
| 2003        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF         | 6                  |
| 2003        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310        | SUMMER SIDE           | 11                 |
| 2003        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507        | VICTORIA              | 52                 |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11001        | BARRACHOIS            | 5                  |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11102        | CARIBOU/FERRY WHARF   | 11                 |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11106        | PICTOU ISLAND EAST    | 25                 |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11111        | CAPE JOHN             | 11                 |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11113        | TONEY RIVER           | 9                  |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11115        | SKINNER'S COVE        | 7                  |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11125        | PICTOU ISLAND WEST    | 31                 |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11201        | BIG ISLAND            | 13                 |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11202        | LISMORE               | 14                 |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11203        | LITTLE HARBOUR        | 23                 |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11204        | MERIGOMISH            | 18                 |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11207        | PICTOU LANDING        | 15                 |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11303        | ARISAIG               | 13                 |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11304        | BALLANTYNE'S COVE     | 7                  |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11305        | BAYFIELD              | 5                  |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11308        | HAVRE BOUCHER         | 5                  |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11311        | LIVINGSTONE'S COVE    | 8                  |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11316        | POMQUET               | 25                 |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11317        | SOUTHSIDE HARBOUR     | 16                 |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11318        | TRACADIE              | 9                  |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11320        | BARRIOS BEACH         | 21                 |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11321        | CRIBBENS POINT        |                    |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14505        | PUGWASH               |                    |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14604        | MALAGASH              |                    |
| 2003        | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14607        | WALLACE               |                    |



| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description  | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|--------------------|
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK        | 12                 |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38507        | VICTORIA               |                    |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38603        | CHARLOTTETOWN          |                    |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38608        | PINETTE                |                    |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND            | 13                 |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF        | 10                 |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38701        | BEACH POINT            | 93                 |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38705        | GASPERAUX              |                    |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38706        | GEORGETOWN             | 23                 |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38707        | LAUNCHING              | 44                 |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE         | 16                 |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38710        | MONTAGUE               | 9                  |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38711        | MURRAY HARBOUR         |                    |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38714        | NEWPORT                |                    |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38716        | STURGEON               | 6                  |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND          | 57                 |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38735        | MACHON POINT           | 29                 |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 5                  |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 29                 |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 38                 |
| 2003        | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 22                 |
| 2003        | 700          | LOBSTER             | Spring | 26B          | NS                           | 10201        | CHETICAMP              | 32                 |
| 2003        | 700          | LOBSTER             | Spring | 26B          | NS                           | 10208        | GRAND ETANG            | 25                 |
| 2003        | 700          | LOBSTER             | Spring | 26B          | NS                           | 10209        | LA POINTE              | 9                  |
| 2003        | 700          | LOBSTER             | Spring | 26B          | NS                           | 10212        | MARGAREE HARBOUR       | 30                 |
| 2003        | 700          | LOBSTER             | Spring | 26B          | NS                           | 10214        | PLEASANT BAY           | 21                 |
| 2003        | 700          | LOBSTER             | Spring | 26B          | NS                           | 10301        | BROAD COVE MARSH       |                    |
| 2003        | 700          | LOBSTER             | Spring | 26B          | NS                           | 10304        | CREIGNISH              |                    |
| 2003        | 700          | LOBSTER             | Spring | 26B          | NS                           | 10306        | FINLAY POINT           | 15                 |
| 2003        | 700          | LOBSTER             | Spring | 26B          | NS                           | 10308        | INVERNESS              | 19                 |
| 2003        | 700          | LOBSTER             | Spring | 26B          | NS                           | 10313        | LITTLE JUDIQUE HARBOUR | 15                 |
| 2003        | 700          | LOBSTER             | Spring | 26B          | NS                           | 10314        | LITTLE JUDIQUE PONDS   | 12                 |
| 2003        | 700          | LOBSTER             | Spring | 26B          | NS                           | 10319        | MABOU HARBOUR          | 12                 |
| 2003        | 700          | LOBSTER             | Spring | 26B          | NS                           | 10324        | MURPHY'S POND          | 29                 |
| 2003        | 700          | LOBSTER             | Spring | 26B          | NS                           | 10330        | PORT HOOD              |                    |
| 2003        | 700          | LOBSTER             | Spring | 26B          | NS                           | 10341        | BAXTER'S COVE          | 16                 |
| 2003        | 700          | LOBSTER             | Spring | 26B          | NS                           | 11402        | AULD'S COVE            | 6                  |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26307        | DALHOUSIE             | 6                  |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26310        | JACQUET RIVER         | 16                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26313        | NEW MILLS             |                    |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26404        | BELLEDUNE             | 18                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26408        | POINTE-VERTE          | 23                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26410        | PETIT-ROCHER          | 14                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26501        | CARAQUET              | 19                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26502        | ANSE-BLEUE            | 10                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26505        | GRANDE-ANSE           | 15                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26508        | BAS CARAQUET          | 34                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26519        | STONEHAVEN            | 25                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26531        | MILLER BROOK WHARF    |                    |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26601        | LAMEQUE               | 34                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26608        | PETIT SHIPPAGAN       | 63                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26611        | MISCOU HARBOUR        | 71                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26616        | PIGEON HILL           | 28                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26620        | STE MARIE/ST.RAPHAEL  | 17                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26622        | SAVOY LANDING         | 17                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26701        | SHIPPAGAN             | 17                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26703        | INKERMAN              | 56                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26714        | LE GOULET             | 10                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26811        | TRACADIE              | 45                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26817        | VAL COMEAU            | 24                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27003        | BURNT CHURCH          | 9                  |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27005        | BAS NEGUAC            | 45                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27008        | NEGUAC                | 41                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27013        | MCEACHERN POINT       | 114                |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27302        | BAY DU VIN RIVER      | 77                 |
| 2004        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27305        | ESCUMINAC             | 94                 |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819        | NAUFRAGE              | 34                 |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820        | NORTH LAKE            | 20                 |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821        | RED HEAD              | 28                 |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR        | 116                |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212        | SEACOW POND           |                    |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39213        | TIGNISH               |                    |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214        | TIGNISH RUN           |                    |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39219        | JUDE'S POINT          |                    |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description    | Number of Licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|--------------------|
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230        | NORTHPORT                | 83                 |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306        | DARNLEY                  | 7                  |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39309        | GRAND RIVER              |                    |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | MALPEQUE                 |                    |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39316        | PORT HILL                | 32                 |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND            |                    |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF         | 23                 |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | FRENCH RIVER             | 28                 |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO            | 29                 |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE           | 36                 |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | NEW LONDON               | 5                  |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | COVEHEAD                 | 6                  |
| 2004        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | TRACADIE                 | 17                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14502        | NORTHPORT                | 21                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14505        | PUGWASH                  | 8                  |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27504        | LOGGECROFT               | 8                  |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27505        | POINT SAPIN              | 60                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27507        | CAP ST. LOUIS            | 101                |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27603        | CAP LUMIERE              | 51                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27610        | RICHIBUCTO               | 37                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27617        | BIG COVE                 | 89                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27625        | INDIAN ISLAND            |                    |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27703        | CAISSIE'S CAPE           | 12                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27706        | COCAGNE CAPE             | 5                  |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27709        | ST. EDOUARD              | 16                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27712        | ST. THOMAS               | 12                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27713        | COCAGNE BAR              | 13                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27717        | COTE STE. ANNE/CHOCKPISH | 33                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27807        | BAS CAP PELE             | 16                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27808        | POINTE DU CHENE          |                    |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27809        | ROBICHAUD                | 9                  |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27821        | ABOITEAU                 | 23                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28003        | CAPE TORMENTINE          | 21                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28007        | PETIT CAP                | 35                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28008        | LITTLE SHEMOGUE          | 6                  |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28015        | BOTSFORD                 | 32                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE            | 38                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of Licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMINEGASH            | 48                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND        | 102                |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT            | 30                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                |                    |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT           | 10                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY            | 17                 |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF         | 9                  |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310        | SUMMERSIDE            |                    |
| 2004        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507        | VICTORIA              | 6                  |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11001        | BARRACHOIS            | 10                 |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11102        | CARIBOU/FERRY WHARF   | 59                 |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11106        | PICTOU ISLAND EAST    |                    |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11111        | CAPE JOHN             | 10                 |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11113        | TONEY RIVER           | 27                 |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11115        | SKINNER'S COVE        | 12                 |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11125        | PICTOU ISLAND WEST    | 8                  |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11201        | BIG ISLAND            |                    |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11202        | LISMORE               | 32                 |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11203        | LITTLE HARBOUR        | 15                 |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11207        | PICTOU LANDING        | 14                 |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11302        | ANTIGONISH HARBOUR    |                    |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11303        | ARISAIG               | 23                 |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11304        | BALLANTYNE'S COVE     | 18                 |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11305        | BAYFIELD              | 19                 |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11308        | HAVRE BOUCHER         | 13                 |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11311        | LIVINGSTONE'S COVE    | 7                  |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11316        | POMQUET               |                    |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11317        | SOUTHSIDE HARBOUR     |                    |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11318        | TRACADIE              | 5                  |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11320        | BARRIOS BEACH         | 9                  |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11321        | CRIBBENS POINT        | 25                 |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14505        | PUGWASH               | 17                 |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14604        | MALAGASH              | 9                  |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14607        | WALLACE               | 23                 |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK       | 12                 |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507        | VICTORIA              |                    |
| 2004        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38603        | CHARLOTTETOWN         |                    |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description  | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|--------------------|
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38608        | PINETTE                | 12                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND            | 10                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF        | 92                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38701        | BEACH POINT            | 23                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38706        | GEORGETOWN             | 46                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38707        | LAUNCHING              | 14                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE         | 11                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38710        | MONTAGUE               | 6                  |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38711        | MURRAY HARBOUR         | 61                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38714        | NEWPORT                | 30                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38716        | STURGEON               | 15                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND          | 29                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38735        | MACHON POINT           | 38                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 21                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 28                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 35                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 8                  |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | PEI                          | 10201        | CHETICAMP              | 31                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | PEI                          | 10208        | GRAND ETANG            | 21                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | PEI                          | 10209        | LA POINTE              | 15                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | PEI                          | 10212        | MARGAREE HARBOUR       | 25                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | PEI                          | 10214        | PLEASANT BAY           | 16                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | PEI                          | 10304        | CREIGNISH              | 11                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | PEI                          | 10306        | FINLAY POINT           | 13                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | PEI                          | 10308        | INVERNESS              | 31                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | PEI                          | 10313        | LITTLE JUDIQUE HARBOUR | 15                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | PEI                          | 10314        | LITTLE JUDIQUE PONDS   | 7                  |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | PEI                          | 10319        | MABOU HARBOUR          | 18                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | PEI                          | 10324        | MURPHY'S POND          | 20                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | PEI                          | 10330        | PORT HOOD              | 23                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | PEI                          | 10341        | BAXTER'S COVE          | 23                 |
| 2004        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | PEI                          | 11402        | AULD'S COVE            | 23                 |
| 2005        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26310        | JACQUET RIVER          | 23                 |
| 2005        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26313        | NEW MILLS              | 23                 |
| 2005        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26404        | BELLEDUNE              | 23                 |
| 2005        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26408        | POINTE-VERTE           | 23                 |
| 2005        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26410        | PETIT-ROCHER           | 23                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26501        | CARAQUET              | 15                 |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26502        | ANSE-BLEUE            | 19                 |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26505        | GRANDE-ANSE           | 9                  |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26508        | BAS CARAQUET          | 14                 |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26519        | STONEHAVEN            | 33                 |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26531        | MILLER BROOK WHARF    | 25                 |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26601        | LAMEQUE               |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26608        | PETT SHIPPAGAN        | 29                 |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26611        | MISCOU HARBOUR        | 68                 |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26616        | PIGEON HILL           | 68                 |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26620        | STE MARIE/ST.RAPHAEL  | 30                 |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26622        | SAVOY LANDING         | 13                 |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26701        | SHIPPAGAN             |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26703        | INKERMAN              | 18                 |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26714        | LE GOULET             | 56                 |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26811        | TRACADIE              | 9                  |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26817        | VAL COMEAU            | 46                 |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27003        | BURNT CHURCH          | 28                 |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27005        | BAS NEGUAC            | 7                  |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27008        | NEGUAC                | 47                 |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27013        | MCEACHERN POINT       | 41                 |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27302        | BAY DU VIN RIVER      |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27305        | ESCUMINAC             | 98                 |
| 2005        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27311        | EEL RIVER BRIDGE      | 11                 |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819        | NAUFRAGE              | 76                 |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820        | NORTH LAKE            | 94                 |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821        | RED HEAD              | 33                 |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR        | 20                 |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212        | SEACOW POND           | 29                 |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39213        | TIGNISH               |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214        | TIGNISH RUN           | 121                |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39219        | JUDE'S POINT          |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230        | NORTHPORT             | 80                 |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306        | DARNLEY               |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | MALPEQUE              | 31                 |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39316        | PORT HILL             |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND         | 22                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description    | Number of Licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|--------------------|
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF         | 32                 |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | FRENCH RIVER             | 29                 |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO            | 37                 |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE           |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | NEW LONDON               | 5                  |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | COVEHEAD                 | 15                 |
| 2005        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | TRACADIE                 | 21                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14502        | NORTHPORT                |                    |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14505        | PUGWASH                  | 6                  |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27504        | LOGGECROFT               | 46                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27505        | POINT SAPIN              | 92                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27507        | CAP ST. LOUIS            | 51                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27603        | CAP LUMIERE              | 34                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27610        | RICHIBUCTO               | 97                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27617        | BIG COVE                 |                    |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27625        | INDIAN ISLAND            |                    |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27703        | CAISSIE'S CAPE           | 12                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27706        | COCAGNE CAPE             | 5                  |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27709        | ST. EDOUARD              | 13                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27712        | ST. THOMAS               | 12                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27713        | COCAGNE BAR              | 14                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27717        | COTE STE. ANNE/CHOCKPISH | 28                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27807        | BAS CAP PELE             | 10                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27808        | POINTE DU CHENE          |                    |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27809        | ROBICHAUD                | 10                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27821        | ABOITEAU                 | 24                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28003        | CAPE TORMENTINE          | 23                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28007        | PETTIT CAP               | 32                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28008        | LITTLE SHEMOGUE          | 8                  |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28012        | PORT ELGIN               |                    |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28015        | BOTSFORD                 | 30                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE            | 38                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMINEGASH               | 52                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND           | 101                |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT               | 30                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                   |                    |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT              | 8                  |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed              | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|---------------------------|-----------------------|--------------------|
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305 EGMONT BAY          |                       | 14                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306 HIGGINS WHARF       |                       | 10                 |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310 SUMMERSIDE          |                       |                    |
| 2005        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507 VICTORIA            |                       |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11001 BARRACHOIS          |                       | 11                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11102 CARIBOU/FERRY WHARF |                       | 63                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11106 PICTOU ISLAND EAST  |                       |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11111 CAPE JOHN           |                       | 13                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11113 TONEY RIVER         |                       | 24                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11115 SKINNER'S COVE      |                       | 13                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11125 PICTOU ISLAND WEST  |                       | 9                  |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11126 PICTOU HARBOUR      |                       |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11201 BIG ISLAND          |                       |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11202 LISMORE             |                       | 33                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11203 LITTLE HARBOUR      |                       | 10                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11207 PICTOU LANDING      |                       | 17                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11303 ARISAIG             |                       | 26                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11304 BALLANTYNE'S COVE   |                       | 24                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11305 BAYFIELD            |                       | 18                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11308 HAVRE BOUCHER       |                       | 14                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11311 LIVINGSTONE'S COVE  |                       | 7                  |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11316 POMQUET             |                       |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11317 SOUTHSIDE HARBOUR   |                       | 5                  |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11318 TRACADIE            |                       | 9                  |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11320 BARRIOS BEACH       |                       | 25                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11321 CRIBBENS POINT      |                       | 17                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14505 PUGWASH             |                       | 7                  |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14604 MALAGASH            |                       | 22                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14607 WALLACE             |                       | 13                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505 NINE MILE CREEK     |                       |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507 VICTORIA            |                       |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38603 CHARLOTTETOWN       |                       | 13                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38608 PINETTE             |                       | 10                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614 WOOD ISLAND         |                       | 94                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615 MACAULAYS WHARF     |                       | 21                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701 BEACH POINT         |                       |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706 GEORGETOWN          |                       |                    |



| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description  | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|--------------------|
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707        | LAUNCHING              | 44                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE         | 16                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710        | MONTAGUE               | 11                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38711        | MURRAY HARBOUR         |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714        | NEWPORT                |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716        | STURGEON               | 6                  |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND          | 59                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735        | MACHON POINT           | 33                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 13                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 29                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 39                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 23                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10201        | CHETICAMP              | 28                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10208        | GRAND ETANG            | 32                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10209        | LA POINTE              | 10                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10212        | MARGAREE HARBOUR       | 31                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10214        | PLEASANT BAY           | 21                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10304        | CREIGNISH              |                    |
| 2005        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10306        | FINLAY POINT           | 20                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10308        | INNERNESS              | 28                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10313        | LITTLE JUDIQUE HARBOUR | 16                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10314        | LITTLE JUDIQUE PONDS   | 10                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10319        | MABOU HARBOUR          | 12                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10324        | MURPHY'S POND          | 39                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10341        | BAXTER'S COVE          | 16                 |
| 2005        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 11402        | AULD'S COVE            | 6                  |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26310        | JACQUET RIVER          |                    |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26313        | NEW MILLS              | 16                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26404        | BELLEDUNE              |                    |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26408        | POINTE-VERTE           | 22                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26410        | PETIT-ROCHER           | 23                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26501        | CARAQUET               | 18                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26502        | ANSE-BLEUE             | 17                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26505        | GRANDE-ANSE            | 9                  |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26508        | BAS CARAQUET           | 10                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26519        | STONEHAVEN             | 32                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26531        | MILLER BROOK WHARF     | 25                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed               | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|----------------------------|-----------------------|--------------------|
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26601 LAMEQUE              |                       |                    |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26608 PETIT SHIPPAGAN      |                       | 34                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26611 MISCOU HARBOUR       |                       | 61                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26616 PIGEON HILL          |                       | 66                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26620 STE MARIE/ST RAPHAEL |                       | 30                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26622 SAVOY LANDING        |                       | 16                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26701 SHIPPAGAN            |                       |                    |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26703 INKERMAR             |                       | 23                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26714 LE GOULET            |                       | 49                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26811 TRACADIE             |                       | 9                  |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26817 VAL COMEAU           |                       | 46                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27003 BURNT CHURCH         |                       | 22                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27005 BAS NEGUAC           |                       | 13                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27008 NEGUAC               |                       | 51                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27013 MCEACHERN POINT      |                       | 40                 |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27302 BAY DU VIN RIVER     |                       | 112                |
| 2006        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27305 ESCUMINAC            |                       | 76                 |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819 NAUFRAGE             |                       | 92                 |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820 NORTH LAKE           |                       | 33                 |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821 RED HEAD             |                       | 33                 |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824 SAVAGE HARBOUR       |                       | 13                 |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212 SEACOW POND          |                       | 31                 |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214 TIGNISH RUN          |                       | 124                |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230 NORTHPORT            |                       | 78                 |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306 DARNLEY              |                       | 6                  |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312 MALPEQUE             |                       | 31                 |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39316 PORT HILL            |                       |                    |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328 LENNOX ISLAND        |                       | 25                 |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340 MILLIGAN'S WHARF     |                       | 36                 |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503 FRENCH RIVER         |                       | 30                 |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504 NORTH RUSTICO        |                       | 37                 |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507 STANLEY BRIDGE       |                       |                    |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510 NEW LONDON           |                       | 5                  |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602 COVEHEAD             |                       | 15                 |
| 2006        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606 TRACADIE             |                       | 19                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14502 NORTHPORT            |                       | 7                  |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14505 PUGWASH              |                       | 5                  |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description    | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|--------------------|
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27504        | LOGGECROFT               | 54                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27505        | POINT SAPIN              | 95                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27507        | CAP ST. LOUIS            | 47                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27603        | CAP LUMIERE              | 29                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27610        | RICHIBUCTO               | 75                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27703        | CAISSIE'S CAPE           | 13                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27706        | COCAGNE CAPE             |                    |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27709        | ST. EDOUARD              | 15                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27712        | ST. THOMAS               | 13                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27713        | COCAGNE BAR              | 12                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27717        | COTE STE. ANNE/CHOCKPISH | 25                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27807        | BAS CAP PELE             | 10                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27808        | POINTE DU CHENE          |                    |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27809        | ROBICHAUD                | 9                  |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27821        | ABOITEAU                 | 24                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28003        | CAPE TORMENTINE          | 22                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28007        | PETIT CAP                | 32                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28008        | LITTLE SHEMAQUE          | 7                  |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28015        | BOTSFORD                 | 32                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE            | 39                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMINEGASH               | 46                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND           | 98                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT               | 29                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                   |                    |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT              | 7                  |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY               | 14                 |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF            | 9                  |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310        | SUMMERSIDE               |                    |
| 2006        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507        | VICTORIA                 |                    |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11001        | BARRACHOIS               | 8                  |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11102        | CARIBOU/FERRY WHARF      | 69                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11106        | PICTOU ISLAND EAST       | 5                  |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11111        | CAPE JOHN                | 13                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11113        | TONEY RIVER              | 27                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11115        | SKINNER'S COVE           | 12                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11125        | PICTOU ISLAND WEST       | 7                  |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11201        | BIG ISLAND               |                    |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11202        | LISMORE               | 33                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11203        | LITTLE HARBOUR        | 14                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11207        | PICTOU LANDING        | 14                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11303        | ARISAIG               | 24                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11304        | BALLANTYNE'S COVE     | 24                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11305        | BAYFIELD              | 18                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11308        | HAVRE BOUCHER         | 12                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11311        | LIVINGSTONE'S COVE    | 7                  |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11316        | POMQUET               |                    |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11317        | SOUTHSIDE HARBOUR     | 5                  |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11318        | TRACADIE              | 5                  |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11320        | BARRIOS BEACH         | 9                  |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11321        | CRIBBENS POINT        | 25                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14505        | PUGWASH               | 13                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14604        | MALAGASH              | 7                  |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14607        | WALLACE               | 18                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK       | 13                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507        | VICTORIA              |                    |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND           | 12                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF       | 10                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701        | BEACH POINT           | 92                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706        | GEORGETOWN            | 24                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707        | LAUNCHING             | 46                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE        | 16                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710        | MONTAGUE              | 10                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38711        | MURRAY HARBOUR        |                    |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714        | NEWPORT               | 6                  |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716        | STURGEON              | 60                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND         | 37                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735        | MACHON POINT          | 15                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738        | MINK RIVER            | 29                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801        | SOURIS                | 29                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802        | ANNANDALE             | 26                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813        | FORTUNE               | 33                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10201        | CHETICAMP             | 31                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10208        | GRAND ETANG           | 8                  |
| 2006        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10209        | LA POINTE             |                    |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed                 | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|------------------------------|-----------------------|--------------------|
| 2006        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10212 MARGAREE HARBOUR       |                       | 31                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10214 PLEASANT BAY           |                       | 21                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10304 CREIGNISH              |                       | 15                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10306 FINLAY POINT           |                       | 23                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10308 INVERNESS              |                       | 22                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10313 LITTLE JUDIQUE HARBOUR |                       | 9                  |
| 2006        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10314 LITTLE JUDIQUE PONDS   |                       | 12                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10319 MABOU HARBOUR          |                       | 31                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10324 MURPHY'S POND          |                       | 14                 |
| 2006        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10341 BAXTER'S COVE          |                       | 9                  |
| 2006        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 11402 AULD'S COVE            |                       | 19                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26310 JACQUET RIVER          |                       | 23                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26313 NEW MILLS              |                       | 22                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26404 BELLEDUNE              |                       | 17                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26408 POINTE-VERTE           |                       | 18                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26410 PETIT-ROCHER           |                       | 9                  |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26501 CARAQUET               |                       | 11                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26502 ANSE-BLEUE             |                       | 32                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26505 GRANDE-ANSE            |                       | 24                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26508 BAS CARAQUET           |                       | 34                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26519 STONEHAVEN             |                       | 56                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26531 MILLER BROOK WHARF     |                       | 67                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26601 LAMEQUE                |                       | 31                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26608 PETIT SHIPPAGAN        |                       | 16                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26611 MISCOU HARBOUR         |                       | 22                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26616 PIGEON HILL            |                       | 49                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26620 STE MARIE/ST.RAPHAEL   |                       | 9                  |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26622 SAVOY LANDING          |                       | 45                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26701 SHIPPAGAN              |                       | 14                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26703 INKERMAR               |                       | 11                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26714 LE GOULET              |                       | 50                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26811 TRACADIE               |                       | 41                 |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26817 VAL COMEAU             |                       |                    |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27003 BURNT CHURCH           |                       |                    |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27005 BAS NEGUAC             |                       |                    |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27008 NEGUAC                 |                       |                    |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27013 MCEACHERN POINT        |                       |                    |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed                   | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------------------------|-----------------------|--------------------|
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27302 BAY DU VIN RIVER         |                       | 109                |
| 2007        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27305 ESCUMINAC                |                       | 76                 |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819 NAUFRAJE                 |                       | 92                 |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820 NORTH LAKE               |                       | 34                 |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821 RED HEAD                 |                       | 21                 |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824 SAVAGE HARBOUR           |                       | 31                 |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212 SEACOW POND              |                       | 119                |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214 TIGNISH RUN              |                       | 78                 |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230 NORTHPORT                |                       |                    |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306 DARNLEY                  |                       | 30                 |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312 MALPEQUE                 |                       |                    |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39316 PORT HILL                |                       | 23                 |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328 LENNOX ISLAND            |                       | 35                 |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340 MILLIGAN'S WHARF         |                       | 27                 |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503 FRENCH RIVER             |                       | 37                 |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504 NORTH RUSTICO            |                       | 5                  |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507 STANLEY BRIDGE           |                       | 8                  |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510 NEW LONDON               |                       | 15                 |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602 COVEHEAD                 |                       | 23                 |
| 2007        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606 TRACADIE                 |                       | 6                  |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14502 NORTHPORT                |                       | 5                  |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14505 PUGWASH                  |                       | 52                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27504 LOGGECROFT               |                       | 97                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27505 POINT SAPIN              |                       | 48                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27507 CAP ST. LOUIS            |                       | 28                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27603 CAP LUMIERE              |                       | 78                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27610 RICHIBUCTO               |                       | 15                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27703 CAISSIE'S CAPE           |                       |                    |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27706 COCAGNE CAPE             |                       | 13                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27709 ST. EDOUARD              |                       | 10                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27712 ST. THOMAS               |                       | 13                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27713 COCAGNE BAR              |                       | 25                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27717 COTE STE. ANNE/CHOCKPISH |                       | 12                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27807 BAS CAP PELE             |                       |                    |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27808 POINTE DU CHENE          |                       | 8                  |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27809 ROBICHAUD                |                       | 23                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27821 ABOITEAU                 |                       |                    |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28003        | CAPE TORMENTINE       | 20                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28007        | PETIT CAP             | 32                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28008        | LITTLE SHEMOGUE       | 9                  |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28015        | BOTSFORD              | 28                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE         | 39                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMINEGASH            | 48                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND        | 103                |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT            | 31                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                |                    |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT           | 8                  |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY            | 14                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF         | 11                 |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310        | SUMMERSIDE            |                    |
| 2007        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507        | VICTORIA              |                    |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11001        | BARRACHOIS            | 7                  |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11102        | CARIBOU/FERRY WHARF   | 66                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11106        | PICTOU ISLAND EAST    | 5                  |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11111        | CAPE JOHN             | 14                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11113        | TONNEY RIVER          | 27                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11115        | SKINNER'S COVE        | 12                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11125        | PICTOU ISLAND WEST    | 7                  |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11201        | BIG ISLAND            |                    |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11202        | LISMORE               | 31                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11203        | LITTLE HARBOUR        | 15                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11207        | PICTOU LANDING        | 13                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11303        | ARISAIG               | 23                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11304        | BALLANTYNE'S COVE     | 24                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11305        | BAYFIELD              | 16                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11308        | HAVRE BOUCHER         | 11                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11311        | LIVINGSTONE'S COVE    | 7                  |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11316        | POMQUET               |                    |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11317        | SOUTHSIDE HARBOUR     |                    |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11318        | TRACADIE              | 5                  |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11320        | BARRIOS BEACH         | 9                  |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11321        | CRIBBENS POINT        | 25                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14505        | PUGWASH               | 13                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14604        | MALAGASH              | 7                  |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed                 | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|------------------------------|-----------------------|--------------------|
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14607 WALLACE                |                       | 20                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505 NINE MILE CREEK        |                       | 11                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507 VICTORIA               |                       |                    |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614 WOOD ISLAND            |                       | 12                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615 MACAULAYS WHARF        |                       | 11                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701 BEACH POINT            |                       | 92                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706 GEORGETOWN             |                       | 23                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707 LAUNCHING              |                       | 44                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709 LOWER MONTAGUE         |                       | 23                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710 MONTAGUE               |                       | 6                  |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714 NEWPORT                |                       |                    |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716 STURGEON               |                       | 6                  |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720 GRAHAM'S POND          |                       | 65                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735 MACHON POINT           |                       | 49                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738 MINK RIVER             |                       | 14                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801 SOURIS                 |                       | 31                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802 ANNANDALE              |                       | 41                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813 FORTUNE                |                       | 22                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10201 CHETICAMP              |                       | 31                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10208 GRAND ETANG            |                       | 30                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10209 LA POINTE              |                       | 7                  |
| 2007        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10212 MARGAREE HARBOUR       |                       | 34                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10214 PLEASANT BAY           |                       | 21                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10306 FINLAY POINT           |                       | 15                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10308 INVERNESS              |                       | 28                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10313 LITTLE JUDIQUE HARBOUR |                       | 16                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10314 LITTLE JUDIQUE PONDS   |                       | 12                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10319 MABOU HARBOUR          |                       | 13                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10324 MURPHY'S POND          |                       | 35                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10341 BAXTER'S COVE          |                       | 14                 |
| 2007        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 11402 AULD'S COVE            |                       | 9                  |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26310 JACQUET RIVER          |                       |                    |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26313 NEW MILLS              |                       | 17                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26404 BELLEDUNE              |                       |                    |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26408 POINTE-VERTE           |                       | 21                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26410 PETIT-ROCHER           |                       | 23                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26501 CARAQUET               |                       | 20                 |



| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26502        | ANSE-BLEUE            | 18                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26505        | GRANDE-ANSE           | 10                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26508        | BAS CARAQUET          | 10                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26519        | STONEHAVEN            | 31                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26531        | MILLER BROOK WHARF    | 24                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26601        | LAMEQUE               |                    |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26608        | PETIT SHIPPAGAN       | 35                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26611        | MISCOU HARBOUR        | 58                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26616        | PIGEON HILL           | 66                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26620        | STE MARIE/ST.RAPHAEL  | 30                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26622        | SAVOY LANDING         | 16                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26701        | SHIPPAGAN             |                    |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26703        | INKERMAN              | 21                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26714        | LE GOULET             | 49                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26811        | TRACADIE              | 8                  |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26817        | VAL COMEAU            | 47                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27003        | BURNT CHURCH          | 25                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27005        | BAS NEGUAC            | 10                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27008        | NEGUAC                | 44                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27013        | MCEACHERN POINT       | 41                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27302        | BAY DU VIN RIVER      |                    |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27305        | ESCUMINAC             | 109                |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819        | NAUFRAGE              | 76                 |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820        | NORTH LAKE            | 90                 |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821        | RED HEAD              | 34                 |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR        | 21                 |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212        | SEACOW POND           | 36                 |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39213        | TIGNISH               |                    |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214        | TIGNISH RUN           | 120                |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39219        | JUDE'S POINT          |                    |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230        | NORTHPORT             | 78                 |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306        | DARNLEY               |                    |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | MALPEQUE              | 30                 |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39316        | PORT HILL             |                    |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND         | 34                 |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF      | 35                 |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | FRENCH RIVER          | 29                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description    | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|--------------------|
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO            | 41                 |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE           | 5                  |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | NEW LONDON               | 9                  |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | COVEHEAD                 | 15                 |
| 2008        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | TRACADIE                 | 18                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14502        | NORTHPORT                |                    |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14505        | PUGWASH                  | 6                  |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27504        | LOGGECROFT               | 52                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27505        | POINT SAPIN              | 99                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27507        | CAP ST. LOUIS            | 46                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27603        | CAP LUMIERE              | 29                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27610        | RICHIBUCTO               | 85                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27703        | CAISSIE'S CAPE           | 16                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27706        | COCAGNE CAPE             |                    |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27709        | ST. EDOUARD              | 12                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27712        | ST. THOMAS               | 10                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27713        | COCAGNE BAR              | 12                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27717        | COTE STE. ANNE/CHOCKPISH | 23                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27807        | BAS CAP PELE             | 14                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27808        | POINTE DU CHENE          |                    |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27809        | ROBICHAUD                |                    |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27821        | ABOITEAU                 | 8                  |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28003        | CAPE TORMENTINE          | 25                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28007        | PETIT CAP                | 19                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28015        | BOTSFORD                 | 35                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE            | 35                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMINEGASH               | 38                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND           | 46                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT               | 101                |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                   | 32                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT              |                    |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY               | 9                  |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF            | 14                 |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310        | SUMMERSIDE               | 9                  |
| 2008        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507        | VICTORIA                 |                    |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11001        | BARRACHOIS               | 7                  |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11102        | CARIBOU/FERRY WHARF      | 55                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11106        | PICTOU ISLAND EAST    | 14                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11111        | CAPE JOHN             | 27                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11113        | TONEY RIVER           | 12                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11115        | SKINNER'S COVE        | 34                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11116        | LOGAN'S POINT         | 5                  |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11125        | PICTOU ISLAND WEST    |                    |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11126        | PICTOU HARBOUR        |                    |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11201        | BIG ISLAND            | 30                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11202        | LISMORE               | 16                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11203        | LITTLE HARBOUR        | 13                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11207        | PICTOU LANDING        | 23                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11303        | ARISAIG               | 23                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11304        | BALLANTYNE'S COVE     | 18                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11305        | BAYFIELD              | 14                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11308        | HAVRE BOUCHER         | 7                  |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11311        | LIVINGSTONE'S COVE    |                    |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11316        | POMQUET               | 5                  |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11317        | SOUTHSIDE HARBOUR     | 9                  |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11318        | TRACADIE              | 25                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11320        | BARRIOS BEACH         | 13                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11321        | CRIBBENS POINT        | 8                  |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14505        | PUGWASH               | 19                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14604        | MALAGASH              | 11                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14607        | WALLACE               |                    |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK       | 14                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507        | VICTORIA              | 10                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND           | 89                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF       | 22                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701        | BEACH POINT           | 42                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706        | GEORGETOWN            | 20                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707        | LAUNCHING             | 7                  |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE        |                    |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710        | MONTAGUE              | 7                  |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714        | NEWPORT               | 64                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716        | STURGEON              | 49                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND         |                    |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735        | MACHON POINT          |                    |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description  | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|--------------------|
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 14                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 29                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 40                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 24                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10201        | CHETICAMP              | 31                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10208        | GRAND ETANG            | 28                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10209        | LA POINTE              | 5                  |
| 2008        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10212        | MARGAREE HARBOUR       | 29                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10214        | PLEASANT BAY           | 22                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10306        | FINLAY POINT           | 15                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10308        | INVERNESS              | 23                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10313        | LITTLE JUDIQUE HARBOUR | 15                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10314        | LITTLE JUDIQUE PONDS   | 10                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10319        | MABOU HARBOUR          | 11                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10323        | MARYVILLE              | 9                  |
| 2008        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10324        | MURPHY'S POND          | 32                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10341        | BAXTER'S COVE          | 13                 |
| 2008        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 11402        | AULD'S COVE            | 10                 |
| 2008        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26310        | JACQUET RIVER          | 16                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26313        | NEW MILLS              | 22                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26404        | BELLEDUNE              | 22                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26408        | POINTE-VERTE           | 22                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26410        | PETIT-ROCHER           | 18                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26501        | CARAQUET               | 19                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26502        | ANSE-BLEUE             | 9                  |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26505        | GRANDE-ANSE            | 10                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26508        | BAS CARAQUET           | 31                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26519        | STONEHAVEN             | 21                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26531        | MILLER BROOK WHARF     | 35                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26601        | LAMEQUE                | 56                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26608        | PETT SHIPPAGAN         | 63                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26611        | MISCOU HARBOUR         | 30                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26616        | PIGEON HILL            | 12                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26620        | STE MARIE/ST.RAPHAEL   | 23                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26622        | SAVOY LANDING          | 23                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26701        | SHIPPAGAN              | 23                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26703        | INKERMAN               | 23                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26714        | LE GOULET             | 51                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26811        | TRACADIE              | 8                  |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26817        | VAL COMEAU            | 46                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27003        | BURNT CHURCH          | 22                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27005        | BAS NEGUAC            | 9                  |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27008        | NEGUAC                | 40                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27013        | MCEACHERN POINT       | 41                 |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27302        | BAY DU VIN RIVER      | 106                |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27305        | ESCUMINAC             |                    |
| 2009        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27311        | EEL RIVER BRIDGE      |                    |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819        | NAUFRAGE              | 74                 |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820        | NORTH LAKE            | 91                 |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821        | RED HEAD              | 37                 |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR        | 21                 |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39203        | CASCUMPEC             |                    |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212        | SEACOW POND           | 31                 |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39213        | TIGNISH               |                    |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214        | TIGNISH RUN           | 119                |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39219        | JUDE'S POINT          |                    |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230        | NORTHPORT             | 78                 |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39302        | BIDEFORD              |                    |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306        | DARNLEY               |                    |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39309        | GRAND RIVER           | 29                 |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | MALPEQUE              |                    |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39316        | PORT HILL             |                    |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39321        | HARDY'S CHANNEL       |                    |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND         | 45                 |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF      | 35                 |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | FRENCH RIVER          | 32                 |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO         | 48                 |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE        |                    |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | NEW LONDON            | 7                  |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | COVEHEAD              | 16                 |
| 2009        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | TRACADIE              | 20                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14502        | NORTHPORT             |                    |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14505        | PUGWASH               |                    |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27504        | LOGGIECROFT           | 53                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description    | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|--------------------|
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27505        | POINT SAPIN              | 94                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27507        | CAP ST. LOUIS            | 43                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27603        | CAP LUMIERE              | 29                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27610        | RICHIBUCTO               | 73                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27703        | CAISSIE'S CAPE           | 15                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27706        | COCAGNE CAPE             | 12                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27709        | ST. EDOUARD              | 11                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27712        | ST. THOMAS               | 14                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27713        | COCAGNE BAR              | 14                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27717        | COTE STE. ANNE/CHOCKPISH | 22                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27807        | BAS CAP PELE             | 13                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27808        | POINTE DU CHENE          | 8                  |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27809        | ROBICHAUD                | 26                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27821        | ABOITEAU                 | 16                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28003        | CAPE TORMENTINE          | 33                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28007        | PETIT CAP                | 32                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28015        | BOTSFORD                 | 30                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE            | 44                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMINEGASH               | 87                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND           | 31                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT               | 5                  |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38301        | ABRAMS VILLAGE           | 7                  |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                   | 12                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT              | 9                  |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY               | 6                  |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF            | 6                  |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310        | SUMMERSTIDE              | 12                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38311        | FISHING COVE             | 25                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507        | VICTORIA                 | 12                 |
| 2009        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 11001        | BARRACHOIS               | 25                 |
| 2009        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11102        | CARIBOU/FERRY WHARF      | 12                 |
| 2009        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11106        | PICTOU ISLAND EAST       | 38                 |
| 2009        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11111        | CAPE JOHN                | 6                  |
| 2009        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11113        | TONEY RIVER              | 43                 |
| 2009        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11115        | SKINNER'S COVE           | 6                  |
| 2009        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11116        | LOGAN'S POINT            | 12                 |
| 2009        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11125        | PICTOU ISLAND WEST       | 38                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of Licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 11201        | BIG ISLAND            | 31                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 11202        | LISMORE               | 17                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 11203        | LITTLE HARBOUR        | 16                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 11207        | PICTOU LANDING        | 23                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 11303        | ARISAIG               | 24                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 11304        | BALLANTYNE'S COVE     | 18                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 11305        | BAYFIELD              | 14                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 11308        | HAVRE BOUCHER         | 7                  |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 11311        | LIVINGSTONE'S COVE    | 5                  |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 11316        | POMQUET               | 9                  |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 11317        | SOUTHSIDE HARBOUR     | 25                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 11318        | TRACADIE              | 12                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 11320        | BARRIOS BEACH         | 8                  |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 11321        | CRIBBENS POINT        | 19                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 14505        | PUGWASH               | 11                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 14604        | MALAGASH              | 10                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 14607        | WALLACE               | 10                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK       | 87                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38507        | VICTORIA              | 24                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38608        | PINETTE               | 43                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND           | 20                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF       | 14                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38701        | BEACH POINT           | 8                  |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38706        | GEORGETOWN            | 31                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38707        | LAUNCHING             | 44                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE        | 23                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38710        | MONTAGUE              | 8                  |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38711        | MURRAY HARBOUR        | 62                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38713        | MURRAY RIVER          | 61                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38714        | NEWPORT               | 14                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38716        | STURGEON              | 31                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND         | 44                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38735        | MACHON POINT          | 23                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38738        | MINK RIVER            | 8                  |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38801        | SOURIS                | 62                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38802        | ANNANDALE             | 61                 |
| 2009        | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38813        | FORTUNE               | 14                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description  | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|--------------------|
| 2009        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10201        | CHETICAMP              | 31                 |
| 2009        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10208        | GRAND ETANG            | 29                 |
| 2009        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10209        | LA POINTE              |                    |
| 2009        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10212        | MARGAREE HARBOUR       | 27                 |
| 2009        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10214        | PLEASANT BAY           | 22                 |
| 2009        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10306        | FINLAY POINT           | 14                 |
| 2009        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10308        | INVERNESS              | 22                 |
| 2009        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10313        | LITTLE JUDIQUE HARBOUR | 15                 |
| 2009        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10314        | LITTLE JUDIQUE PONDS   |                    |
| 2009        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10319        | MABOU HARBOUR          | 11                 |
| 2009        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10323        | MARYVILLE              | 11                 |
| 2009        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10324        | MURPHY'S POND          | 31                 |
| 2009        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10341        | BAXTER'S COVE          | 13                 |
| 2009        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 11402        | AULD'S COVE            | 10                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26310        | JACQUET RIVER          |                    |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26313        | NEW MILLS              | 16                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26404        | BELLEDUNE              |                    |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26408        | POINTE-VERTE           | 22                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26410        | PETIT-ROCHER           | 24                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26501        | CARAQUET               | 19                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26502        | ANSE-BLEUE             | 17                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26505        | GRANDE-ANSE            | 10                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26508        | BAS CARAQUET           | 11                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26519        | STONEHAVEN             | 30                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26531        | MILLER BROOK WHARF     | 21                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26601        | LAMEQUE                |                    |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26608        | PETTIT SHIPPAGAN       | 38                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26611        | MISCOU HARBOUR         | 60                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26616        | PIGEON HILL            | 61                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26620        | STE MARIE/ST.RAPHAEL   | 27                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26622        | SAVOY LANDING          | 13                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26701        | SHIPPAGAN              |                    |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26703        | INKERMAN               | 22                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26714        | LE GOULET              | 57                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26811        | TRACADIE               | 8                  |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26817        | VAL COMEAU             | 47                 |
| 2010        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27003        | BURNT CHURCH           | 21                 |



| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed           | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|------------------------|-----------------------|--------------------|
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 27005 BAS NEGUAC       |                       | 9                  |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 27008 NEGUAC           |                       | 43                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 27013 MCEACHERN POINT  |                       | 44                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 27302 BAY DU VIN RIVER |                       |                    |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 27305 ESCUMINAC        |                       | 92                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 27311 EEL RIVER BRIDGE |                       | 19                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 38819 NAUFRAGE         |                       | 74                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 38820 NORTH LAKE       |                       | 91                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 38821 RED HEAD         |                       | 38                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 38824 SAVAGE HARBOUR   |                       | 22                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39212 SEACOW POND      |                       | 35                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39213 TIGNISH          |                       |                    |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39214 TIGNISH RUN      |                       | 120                |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39219 JUDE'S POINT     |                       | 77                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39230 NORTHPORT        |                       |                    |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39306 DARINLEY         |                       | 25                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39307 ELLERSLIE        |                       |                    |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39309 GRAND RIVER      |                       | 34                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39312 MALPEQUE         |                       | 16                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39328 LENNOX ISLAND    |                       | 44                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39340 MILLIGAN'S WHARF |                       |                    |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39341 CONWAY NARROWS   |                       | 30                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39503 FRENCH RIVER     |                       | 30                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39504 NORTH RUSTICO    |                       |                    |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39507 STANLEY BRIDGE   |                       | 7                  |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39510 NEW LONDON       |                       | 17                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39602 COVEHEAD         |                       | 20                 |
| 2010        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39606 TRACADIE         |                       |                    |
| 2010        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 14502 NORTHPORT        |                       | 7                  |
| 2010        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 14505 PUGWASH          |                       | 55                 |
| 2010        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27504 LOGGECROFT       |                       | 95                 |
| 2010        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27505 POINT SAPIN      |                       | 44                 |
| 2010        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27507 CAP ST. LOUIS    |                       | 31                 |
| 2010        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27603 CAP LUMIERE      |                       | 72                 |
| 2010        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27610 RICHIBUCTO       |                       | 13                 |
| 2010        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27703 CAISSIE'S CAPE   |                       |                    |
| 2010        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27706 COCAGNE CAPE     |                       |                    |

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|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------------------------|-----------------------|--------------------|
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27709 ST. EDUARD               |                       | 14                 |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27712 ST. THOMAS               |                       | 10                 |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27713 COCAGNE BAR              |                       | 15                 |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27717 COTE STE. ANNE/CHOCKPISH |                       | 25                 |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27807 BAS CAP PELE             |                       | 14                 |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27808 POINTE DU CHENE          |                       | 9                  |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27809 ROBICHAUD                |                       | 24                 |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27821 ABOITEAU                 |                       | 17                 |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28003 CAPE TORMENTINE          |                       | 31                 |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28007 PETIT CAP                |                       | 30                 |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28015 BOTSFORD                 |                       | 30                 |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207 HOWARD'S COVE            |                       | 42                 |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208 MIMINEGASH               |                       | 82                 |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215 SKINNER'S POND           |                       | 26                 |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218 WEST POINT               |                       | 7                  |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302 BORDEN                   |                       | 11                 |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303 CAPE EGMONT              |                       | 11                 |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305 EGMONT BAY               |                       | 2                  |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306 HIGGINS WHARF            |                       | 2                  |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310 SUMMERSIDE               |                       | 7                  |
| 2010        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507 VICTORIA                 |                       | 48                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11001 BARRACHOIS               |                       | 7                  |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11102 CARIBOU/FERRY WHARF      |                       | 13                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11106 PICTOU ISLAND EAST       |                       | 25                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11111 CAPE JOHN                |                       | 13                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11113 TONEY RIVER              |                       | 13                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11115 SKINNER'S COVE           |                       | 38                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11116 LOGAN'S POINT            |                       | 36                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11201 BIG ISLAND               |                       | 15                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11202 LISMORE                  |                       | 18                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11203 LITTLE HARBOUR           |                       | 23                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11207 PICTOU LANDING           |                       | 28                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11303 ARISAIG                  |                       | 19                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11304 BALLANTYNE'S COVE        |                       | 10                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11305 BAYFIELD                 |                       | 7                  |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11308 HAVRE BOUCHER            |                       |                    |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11311 LIVINGSTONE'S COVE       |                       |                    |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed                 | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|------------------------------|-----------------------|--------------------|
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11316 POMQUET                |                       |                    |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11317 SOUTHSIDE HARBOUR      |                       |                    |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11318 TRACADIE               |                       | 6                  |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11320 BARRIOS BEACH          |                       | 9                  |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11321 CRIBBENS POINT         |                       | 26                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14505 PUGWASH                |                       | 12                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14604 MALAGASH               |                       | 7                  |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14607 WALLACE                |                       | 18                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505 NINE MILE CREEK        |                       | 10                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507 VICTORIA               |                       |                    |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38608 PINETTE                |                       |                    |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614 WOOD ISLAND            |                       | 10                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615 MACAULAYS WHARF        |                       | 10                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701 BEACH POINT            |                       | 83                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706 GEORGETOWN             |                       | 21                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707 LAUNCHING              |                       | 44                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709 LOWER MONTAGUE         |                       | 8                  |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710 MONTAGUE               |                       | 20                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38711 MURRAY HARBOUR         |                       |                    |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38713 MURRAY RIVER           |                       |                    |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714 NEWPORT                |                       | 7                  |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716 STURGEON               |                       | 57                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720 GRAHAM'S POND          |                       | 41                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735 MACHON POINT           |                       | 9                  |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738 MINK RIVER             |                       | 35                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801 SOURIS                 |                       | 39                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802 ANNANDALE              |                       | 21                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813 FORTUNE                |                       | 34                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10201 CHETICAMP              |                       | 26                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10208 GRAND ETANG            |                       |                    |
| 2010        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10209 LA POINTE              |                       | 25                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10212 MARGAREE HARBOUR       |                       | 22                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10214 PLEASANT BAY           |                       | 16                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10306 FINLAY POINT           |                       | 23                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10308 INVERNESS              |                       | 13                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10313 LITTLE JUDIQUE HARBOUR |                       |                    |
| 2010        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10314 LITTLE JUDIQUE PONDS   |                       |                    |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2010        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10319        | MABOU HARBOUR         | 10                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10323        | MARYVILLE             | 11                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10324        | MURPHY'S POND         | 28                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10330        | PORT HOOD             | 13                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10341        | BAXTER'S COVE         | 14                 |
| 2010        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 11402        | AULD'S COVE           | 15                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26310        | JACQUET RIVER         | 19                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26313        | NEW MILLS             | 23                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26404        | BELLEDUNE             | 20                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26408        | POINTE-VERTE          | 18                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26410        | PETIT-ROCHER          | 9                  |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26501        | CARAQUET              | 9                  |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26502        | ANSE-BLEUE            | 31                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26505        | GRANDE-ANSE           | 21                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26508        | BAS CARAQUET          | 39                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26519        | STONEHAVEN            | 58                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26531        | MILLER BROOK WHARF    | 67                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26601        | LAMEQUE               | 27                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26608        | PETIT SHIPPAGAN       | 14                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26611        | MISCOU HARBOUR        | 19                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26616        | PIGEON HILL           | 54                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26620        | STE MARIE/ST.RAPHAEL  | 9                  |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26622        | SAVOY LANDING         | 46                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26703        | INKERMAN              | 15                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26714        | LE GOULET             | 6                  |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26811        | TRACADIE              | 46                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26817        | VAL COMEAU            | 45                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27003        | BURNT CHURCH          | 89                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27005        | BAS NEGUAC            | 22                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27008        | NEGUAC                | 72                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27013        | MCEACHERN POINT       | 96                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27302        | BAY DU VIN RIVER      | 37                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27305        | ESCUMINAC             |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27311        | EEL RIVER BRIDGE      |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819        | NAUFRAGE              |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820        | NORTH LAKE            |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821        | RED HEAD              |                    |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description    | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|--------------------|
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR           | 22                 |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212        | SEACOW POND              | 31                 |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39213        | TIGNISH                  |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214        | TIGNISH RUN              | 121                |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39219        | JUDE'S POINT             |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230        | NORTHPORT                | 80                 |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306        | DARNLEY                  |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39307        | ELLERSLIE                | 21                 |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39309        | GRAND RIVER              |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | MALPEQUE                 | 33                 |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND            |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF         | 46                 |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39341        | CONWAY NARROWS           |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | FRENCH RIVER             | 29                 |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO            | 34                 |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE           |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | NEW LONDON               | 6                  |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | COVEHEAD                 | 14                 |
| 2011        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | TRACADIE                 | 18                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14502        | NORTHPORT                |                    |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14505        | PUGWASH                  | 5                  |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27504        | LOGGECROFT               | 37                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27505        | POINT SAPIN              | 85                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27507        | CAP ST. LOUIS            | 42                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27603        | CAP LUMIERE              | 29                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27610        | RICHIBUCTO               | 79                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27703        | CAISSIE'S CAPE           | 14                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27706        | COCAGNE CAPE             |                    |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27709        | ST. EDOUARD              | 12                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27712        | ST. THOMAS               | 8                  |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27713        | COCAGNE BAR              | 13                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27717        | COTE STE. ANNE/CHOCKPISH | 32                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27807        | BAS CAP PELE             | 5                  |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27808        | POINTE DU CHENE          |                    |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27809        | ROBICHAUD                | 7                  |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27821        | ABOITEAU                 | 23                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28003        | CAPE TORMENTINE          | 14                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed              | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|---------------------------|-----------------------|--------------------|
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28007 PETIT CAP           |                       | 25                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28015 BOTSFORD            |                       | 26                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207 HOWARD'S COVE       |                       | 39                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208 MIMINEGASH          |                       | 41                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215 SKINNER'S POND      |                       | 84                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218 WEST POINT          |                       | 28                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302 BORDEN              |                       |                    |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303 CAPE EGMONT         |                       | 6                  |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305 EGMONT BAY          |                       | 12                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306 HIGGINS WHARF       |                       | 10                 |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310 SUMMERSIDE          |                       |                    |
| 2011        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507 VICTORIA            |                       | 7                  |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11001 BARRACHOIS          |                       | 41                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11102 CARIBOU/FERRY WHARF |                       | 10                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11106 PICTOU ISLAND EAST  |                       | 10                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11111 CAPE JOHN           |                       | 23                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11113 TONEY RIVER         |                       | 9                  |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11115 SKINNER'S COVE      |                       | 34                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11116 LOGAN'S POINT       |                       |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11125 PICTOU ISLAND WEST  |                       | 30                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11201 BIG ISLAND          |                       | 15                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11202 LISMORE             |                       | 16                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11203 LITTLE HARBOUR      |                       | 23                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11207 PICTOU LANDING      |                       | 24                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11303 ARISAIG             |                       | 19                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11304 BALLANTYNE'S COVE   |                       | 12                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11305 BAYFIELD            |                       | 7                  |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11308 HAVRE BOUCHER       |                       |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11311 LIVINGSTONE'S COVE  |                       | 5                  |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11316 POMQUET             |                       | 9                  |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11317 SOUTHSIDE HARBOUR   |                       | 26                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11318 TRACADIE            |                       | 11                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11320 BARRIOS BEACH       |                       | 5                  |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11321 CRIBBENS POINT      |                       | 20                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14505 PUGWASH             |                       |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14604 MALAGASH            |                       |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14607 WALLACE             |                       |                    |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description  | Number of Licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|--------------------|
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK        | 10                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507        | VICTORIA               |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38608        | PINETTE                |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND            | 10                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF        | 9                  |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701        | BEACH POINT            | 71                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706        | GEORGETOWN             | 21                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707        | LAUNCHING              | 43                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE         | 8                  |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710        | MONTAGUE               | 17                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38711        | MURRAY HARBOUR         |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38713        | MURRAY RIVER           |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714        | NEWPORT                |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716        | STURGEON               | 7                  |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND          | 51                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735        | MACHON POINT           | 39                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 8                  |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 33                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 30                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 23                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10201        | CHETICAMP              | 29                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10208        | GRAND ETANG            | 26                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10212        | MARGAREE HARBOUR       | 24                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10214        | PLEASANT BAY           | 19                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10306        | FINLAY POINT           | 20                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10308        | INVERNESS              | 22                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10313        | LITTLE JUDIQUE HARBOUR | 15                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10314        | LITTLE JUDIQUE PONDS   | 9                  |
| 2011        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10319        | MABOU HARBOUR          | 10                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10324        | MURPHY'S POND          | 29                 |
| 2011        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10330        | PORT HOOD              |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10341        | BAXTER'S COVE          |                    |
| 2011        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 11402        | AULD'S COVE            | 12                 |
| 2011        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26310        | JACQUET RIVER          | 13                 |
| 2012        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26313        | NEW MILLS              |                    |
| 2012        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26404        | BELLEDUNE              |                    |
| 2012        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26408        | POINTE-VERTE           | 19                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26410        | PETIT-ROCHER          | 18                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26501        | CARAQUET              | 16                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26502        | ANSE-BLEUE            | 14                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26505        | GRANDE-ANSE           | 11                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26508        | BAS CARAQUET          | 14                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26519        | STONEHAVEN            | 30                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26531        | MILLER BROOK WHARF    | 20                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26601        | LAMEQUE               | 26                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26608        | PETIT SHIPPAGAN       | 26                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26611        | MISCOU HARBOUR        | 60                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26616        | PIGEON HILL           | 57                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26620        | STE MARIE/ST.RAPHAEL  | 23                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26622        | SAVOY LANDING         | 8                  |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26701        | SHIPPAGAN             | 20                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26703        | INKERMAN              | 53                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26714        | LE GOULET             | 6                  |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26811        | TRACADIE              | 41                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 26817        | VAL COMEAU            | 29                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 27003        | BURNT CHURCH          | 14                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 27005        | BAS NEGUAC            | 41                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 27008        | NEGUAC                | 40                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 27013        | MCEACHERN POINT       | 76                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 27302        | BAY DU VIN RIVER      | 19                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 27305        | ESCUMINAC             | 72                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | PEI                          | 27311        | EEL RIVER BRIDGE      | 91                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 38819        | NAUFRAGE              | 34                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 38820        | NORTH LAKE            | 23                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 38821        | RED HEAD              | 38                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR        | 119                |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39212        | SEACOW POND           | 79                 |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39213        | TIGNISH               |                    |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39214        | TIGNISH RUN           |                    |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39219        | JUDE'S POINT          |                    |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39230        | NORTHPORT             |                    |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39306        | DARNLEY               |                    |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39307        | ELLERSLIE             |                    |
| 2012        | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39309        | GRAND RIVER           |                    |



| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description    | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|--------------------|
| 2012        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | MALPEQUE                 | 34                 |
| 2012        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND            | 37                 |
| 2012        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF         | 29                 |
| 2012        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39341        | CONWAY NARROWS           |                    |
| 2012        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | FRENCH RIVER             | 30                 |
| 2012        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO            | 37                 |
| 2012        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE           | 8                  |
| 2012        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | NEW LONDON               | 15                 |
| 2012        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | COVEHEAD                 | 23                 |
| 2012        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | TRACADIE                 |                    |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14502        | NORTHPORT                | 7                  |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14505        | PUGWASH                  | 46                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27504        | LOGGECROFT               | 82                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27505        | POINT SAPIN              | 38                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27507        | CAP ST. LOUIS            | 28                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27603        | CAP LUMIERE              | 82                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27610        | RICHIBUCTO               | 14                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27703        | CAISSIE'S CAPE           |                    |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27706        | COCAGNE CAPE             | 11                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27709        | ST. EDOUARD              | 9                  |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27712        | ST. THOMAS               | 13                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27713        | COCAGNE BAR              | 25                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27717        | COTE STE. ANNE/CHOCKPISH | 6                  |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27807        | BAS CAP PELE             |                    |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27808        | POINTE DU CHENE          | 6                  |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27809        | ROBICHAUD                | 21                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27821        | ABOITEAU                 | 13                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28003        | CAPE TORMENTINE          | 23                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28007        | PETIT CAP                | 24                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28015        | BOTSFORD                 | 39                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE            | 41                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMINEGASH               | 89                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND           | 32                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT               |                    |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                   | 7                  |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT              | 11                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY               |                    |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF         | 10                 |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310        | SUMMERSIDE            |                    |
| 2012        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507        | VICTORIA              | 9                  |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11001        | BARRACHOIS            |                    |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11102        | CARIBOU/FERRY WHARF   | 48                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11106        | PICTOU ISLAND EAST    |                    |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11111        | CAPE JOHN             | 11                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11113        | TONEY RIVER           | 24                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11115        | SKINNER'S COVE        | 9                  |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11116        | LOGAN'S POINT         |                    |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11125        | PICTOU ISLAND WEST    | 33                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11201        | BIG ISLAND            |                    |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11202        | LISMORE               | 31                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11203        | LITTLE HARBOUR        | 13                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11207        | PICTOU LANDING        | 16                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11303        | ARISAIG               | 23                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11304        | BALLANTYNE'S COVE     | 26                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11305        | BAYFIELD              | 20                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11308        | HAVRE BOUCHER         | 12                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11311        | LIVINGSTONE'S COVE    | 7                  |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11316        | POMQUET               |                    |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11317        | SOUTHSIDE HARBOUR     | 5                  |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11318        | TRACADIE              |                    |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11320        | BARRIOS BEACH         | 9                  |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11321        | CRIBBENS POINT        | 25                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14505        | PUGWASH               | 11                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14604        | MALAGASH              | 5                  |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14607        | WALLACE               | 14                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK       | 9                  |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507        | VICTORIA              |                    |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38608        | PINETTE               |                    |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND           | 11                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF       | 6                  |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701        | BEACH POINT           | 72                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38703        | CARDIGAN BAY          |                    |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706        | GEORGETOWN            | 19                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707        | LAUNCHING             | 42                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description  | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|--------------------|
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE         | 10                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710        | MONTAGUE               | 15                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38711        | MURRAY HARBOUR         |                    |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38713        | MURRAY RIVER           |                    |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714        | NEWPORT                |                    |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716        | STURGEON               | 7                  |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND          | 51                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735        | MACHON POINT           | 35                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 13                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 30                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 41                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 22                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10201        | CHETICAMP              | 30                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10208        | GRAND ETANG            | 25                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10212        | MARGAREE HARBOUR       | 24                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10214        | PLEASANT BAY           | 18                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10306        | FINLAY POINT           | 14                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10308        | INVERNESS              | 22                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10313        | LITTLE JUDIQUE HARBOUR | 14                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10314        | LITTLE JUDIQUE PONDS   | 10                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10319        | MABOU HARBOUR          | 10                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10324        | MURPHY'S POND          | 30                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10330        | PORT HOOD              |                    |
| 2012        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10341        | BAXTER'S COVE          | 11                 |
| 2012        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 11402        | AULD'S COVE            | 15                 |
| 2012        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26310        | JACQUET RIVER          |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26313        | NEW MILLS              | 13                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26408        | POINTE-VERTE           | 20                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26410        | PETIT-ROCHER           | 19                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26501        | CARAQUET               | 16                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26502        | ANSE-BLEUE             | 14                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26505        | GRANDE-ANSE            | 11                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26508        | BAS CARAQUET           | 13                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26519        | STONEHAVEN             | 30                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26531        | MILLER BROOK WHARF     | 20                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26601        | LAMEQUE                |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26608        | PETIT SHIPPAGAN        | 28                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26611        | MISCOU HARBOUR        | 67                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26616        | PIGEON HILL           | 58                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26620        | STE MARIE/ST.RAPHAEL  | 29                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26622        | SAVOY LANDING         | 16                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26701        | SHIPPAGAN             |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26703        | INKERMAN              | 25                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26714        | LE GOULET             | 58                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26811        | TRACADIE              | 7                  |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26817        | VAL COMEAU            | 45                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27003        | BURNT CHURCH          | 24                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27005        | BAS NEGUAC            | 22                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27008        | NEGUAC                | 42                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27013        | MCEACHERN POINT       | 41                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27302        | BAY DU VIN RIVER      | 92                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27305        | ESCUMINAC             | 18                 |
| 2013        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27311        | EEL RIVER BRIDGE      | 75                 |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819        | NAUFRAGE              | 89                 |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820        | NORTH LAKE            | 33                 |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821        | RED HEAD              | 25                 |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR        | 56                 |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212        | SEACOW POND           | 123                |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214        | TIGNISH RUN           |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39219        | JUDE'S POINT          | 79                 |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230        | NORTHPORT             |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306        | DARNLEY               |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39307        | ELLERSLIE             |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39309        | GRAND RIVER           | 32                 |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | MALPEQUE              |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39316        | PORT HILL             | 25                 |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND         | 30                 |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF      | 26                 |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | FRENCH RIVER          | 35                 |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO         |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE        | 10                 |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | NEW LONDON            | 15                 |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | COVEHEAD              | 20                 |
| 2013        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | TRACADIE              |                    |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description    | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|--------------------|
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14502        | NORTHPORT                | 5                  |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14505        | PUGWASH                  | 52                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27504        | LOGGECROFT               | 91                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27505        | POINT SAPIN              | 41                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27507        | CAP ST. LOUIS            | 26                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27603        | CAP LUMIERE              | 76                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27610        | RICHIBUCTO               | 10                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27703        | CAISSIE'S CAPE           | 12                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27706        | COCAGNE CAPE             | 8                  |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27709        | ST. EDOUARD              | 13                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27712        | ST. THOMAS               | 19                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27713        | COCAGNE BAR              | 5                  |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27717        | COTE STE. ANNE/CHOCKPISH | 6                  |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27807        | BAS CAP PELE             | 21                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27808        | POINTE DU CHENE          | 14                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27809        | ROBICHAUD                | 21                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27821        | ABOITEAU                 | 24                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28003        | CAPE TORMENTINE          | 39                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28007        | PETTIT CAP               | 36                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28015        | BOTSFORD                 | 86                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE            | 37                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMINEGASH               | 5                  |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND           | 8                  |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT               | 11                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                   | 9                  |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT              |                    |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY               | 10                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF            | 52                 |
| 2013        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507        | VICTORIA                 | 11                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11001        | BARRACHOIS               | 23                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11102        | CARIBOU/FERRY WHARF      | 9                  |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11111        | CAPE JOHN                | 36                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11113        | TONEY RIVER              | 9                  |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11115        | SKINNER'S COVE           |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11116        | LOGAN'S POINT            | 10                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11125        | PICTOU ISLAND WEST       | 52                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11201        | BIG ISLAND               | 11                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed             | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------------------|-----------------------|--------------------|
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11202 LISMORE            |                       | 30                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11203 LITTLE HARBOUR     |                       | 14                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11207 PICTOU LANDING     |                       | 17                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11303 ARISAIG            |                       | 24                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11304 BALLANTYNE'S COVE  |                       | 31                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11305 BAYFIELD           |                       | 18                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11308 HAVRE BOUCHER      |                       | 12                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11311 LIVINGSTONE'S COVE |                       | 5                  |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11315 MORRISTOWN         |                       |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11316 POMQUET            |                       | 4                  |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11317 SOUTHSIDE HARBOUR  |                       |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11318 TRACADIE           |                       | 9                  |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11320 BARRIOS BEACH      |                       | 25                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11321 CRIBBENS POINT     |                       | 11                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14505 PUGWASH            |                       | 6                  |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14604 MALAGASH           |                       | 14                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14607 WALLACE            |                       | 9                  |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505 NINE MILE CREEK    |                       |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507 VICTORIA           |                       | 10                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38608 PINETTE            |                       | 6                  |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614 WOOD ISLAND        |                       | 72                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615 MACAULAYS WHARF    |                       | 24                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701 BEACH POINT        |                       | 43                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706 GEORGETOWN         |                       | 5                  |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707 LAUNCHING          |                       | 17                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709 LOWER MONTAGUE     |                       |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710 MONTAGUE           |                       | 8                  |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38711 MURRAY HARBOUR     |                       | 51                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38713 MURRAY RIVER       |                       | 62                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714 NEWPORT            |                       | 19                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716 STURGEON           |                       | 28                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720 GRAHAM'S POND      |                       | 36                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735 MACHON POINT       |                       | 21                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738 MINK RIVER         |                       |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801 SOURIS             |                       |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802 ANNANDALE          |                       |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813 FORTUNE            |                       |                    |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description  | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|--------------------|
| 2013        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10201        | CHETICAMP              | 33                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10208        | GRAND ETANG            | 26                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10212        | MARGAREE HARBOUR       | 25                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10214        | PLEASANT BAY           | 18                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10306        | FINLAY POINT           | 15                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10308        | INNERNESS              | 23                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10313        | LITTLE JUDIQUE HARBOUR | 24                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10314        | LITTLE JUDIQUE PONDS   | 16                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10319        | MABOU HARBOUR          | 10                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10324        | MURPHY'S POND          | 28                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10330        | PORT HOOD              |                    |
| 2013        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10341        | BAXTER'S COVE          | 11                 |
| 2013        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 11402        | AULD'S COVE            | 20                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26313        | NEW MILLS              | 13                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26408        | POINTE-VERTE           | 18                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26410        | PETIT-ROCHER           | 19                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26501        | CARAQUET               | 18                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26502        | ANSE-BLEUE             | 17                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26505        | GRANDE-ANSE            | 8                  |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26508        | BAS CARAQUET           | 13                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26519        | STONEHAVEN             | 30                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26531        | MILLER BROOK WHARF     | 21                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26601        | LAMEQUE                |                    |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26608        | PETIT SHIPPAGAN        | 23                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26611        | MISCOU HARBOUR         | 75                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26616        | PIGEON HILL            | 59                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26620        | STE MARIE/ST RAPHAEL   | 25                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26622        | SAVOY LANDING          | 13                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26701        | SHIPPAGAN              | 5                  |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26703        | INKERMAN               | 17                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26714        | LE GOULET              | 52                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26811        | TRACADIE               | 8                  |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26817        | VAL COMEAU             | 44                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27003        | BURNT CHURCH           | 23                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27005        | BAS NEGUAC             | 9                  |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27008        | NEGUAC                 | 38                 |
| 2014        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27013        | MCEACHERN POINT        | 40                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description    | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|--------------------|
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 27305        | ESCUMINAC                | 80                 |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 27311        | EEL RIVER BRIDGE         | 20                 |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 38819        | NAUFRAGE                 | 72                 |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 38820        | NORTH LAKE               | 90                 |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 38821        | RED HEAD                 | 34                 |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 38824        | SAVAGE HARBOUR           | 24                 |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39212        | SEACOW POND              | 56                 |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39214        | TIGNISH RUN              | 126                |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39230        | NORTHPORT                | 78                 |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39306        | DARNLEY                  |                    |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39312        | MALPEQUE                 | 31                 |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39328        | LENNOX ISLAND            | 23                 |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39340        | MILLIGAN'S WHARF         | 29                 |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39503        | FRENCH RIVER             | 34                 |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39504        | NORTH RUSTICO            | 37                 |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39507        | STANLEY BRIDGE           |                    |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39510        | NEW LONDON               | 7                  |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39602        | COVEHEAD                 | 15                 |
| 2014        | 700 LOBSTER  |                     | Spring |              | PEI                          | 39606        | TRACADIE                 | 21                 |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 14502        | NORTHPORT                |                    |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 14505        | PUGWASH                  | 8                  |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27504        | LOGGECROFT               | 46                 |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27505        | POINT SAPIN              | 90                 |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27507        | CAP ST. LOUIS            | 39                 |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27603        | CAP LUMIERE              | 28                 |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27610        | RICHIBUCTO               | 76                 |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27703        | CAISSIE'S CAPE           | 12                 |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27709        | ST. EDOUARD              | 11                 |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27712        | ST. THOMAS               | 8                  |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27713        | COCAGNE BAR              | 12                 |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27717        | COTE STE. ANNE/CHOCKPISH | 22                 |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27807        | BAS CAP PELE             | 6                  |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27809        | ROBICHAUD                | 6                  |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 27821        | ABOITEAU                 | 25                 |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 28003        | CAPE TORMENTINE          | 13                 |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 28007        | PETIT CAP                | 22                 |
| 2014        | 700 LOBSTER  |                     | Fall   |              | PEI                          | 28015        | BOTSFORD                 | 22                 |



| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2014        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE         | 38                 |
| 2014        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMINEGASH            | 37                 |
| 2014        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND        | 88                 |
| 2014        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT            | 37                 |
| 2014        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                |                    |
| 2014        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT           | 8                  |
| 2014        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY            | 12                 |
| 2014        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF         | 10                 |
| 2014        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 11001        | BARRACHOIS            | 7                  |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11102        | CARIBOU/FERRY WHARF   | 45                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11111        | CAPE JOHN             | 12                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11113        | TONEY RIVER           | 24                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11115        | SKINNER'S COVE        | 9                  |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11116        | LOGAN'S POINT         | 29                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11125        | PICTOU ISLAND WEST    | 9                  |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11201        | BIG ISLAND            |                    |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11202        | LISMORE               | 31                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11203        | LITTLE HARBOUR        | 14                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11207        | PICTOU LANDING        | 18                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11303        | ARISAIG               | 23                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11304        | BALLANTYNE'S COVE     | 24                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11305        | BAYFIELD              | 18                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11308        | HAVRE BOUCHER         | 14                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11311        | LIVINGSTONE'S COVE    | 5                  |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11316        | POMQUET               |                    |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11317        | SOUTHSIDE HARBOUR     |                    |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11318        | TRACADIE              | 9                  |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11320        | BARRIOS BEACH         | 26                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11321        | CRIBBENS POINT        | 11                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14505        | PUGWASH               | 5                  |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14604        | MALAGASH              | 16                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14607        | WALLACE               | 11                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK       |                    |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507        | VICTORIA              |                    |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38608        | PINETTE               | 10                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND           | 6                  |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF       |                    |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description  | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|--------------------|
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701        | BEACH POINT            | 78                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706        | GEORGETOWN             | 27                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707        | LAUNCHING              | 43                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE         |                    |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710        | MONTAGUE               | 13                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714        | NEWPORT                |                    |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716        | STURGEON               | 7                  |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND          | 49                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735        | MACHON POINT           | 50                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 17                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 28                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 35                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 21                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10201        | CHETICAMP              | 34                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10208        | GRAND ETANG            | 25                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10212        | MARGAREE HARBOUR       | 24                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10214        | PLEASANT BAY           | 18                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10306        | FINLAY POINT           | 12                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10308        | INVERNESS              | 17                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10313        | LITTLE JUDIQUE HARBOUR | 16                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10314        | LITTLE JUDIQUE PONDS   | 19                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10319        | MABOU HARBOUR          | 13                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10324        | MURPHY'S POND          | 28                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10330        | PORT HOOD              |                    |
| 2014        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10341        | BAXTER'S COVE          | 10                 |
| 2014        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 11402        | AULD'S COVE            | 11                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26313        | NEW MILLS              | 15                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26408        | POINTE-VERTE           | 17                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26410        | PETTIT-ROCHER          | 20                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26501        | CARAQUET               | 14                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26502        | ANSE-BLEUE             | 19                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26505        | GRANDE-ANSE            | 7                  |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26508        | BAS CARAQUET           | 11                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26519        | STONEHAVEN             | 31                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26531        | MILLER BROOK WHARF     | 21                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26601        | LAMEQUE                |                    |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26608        | PETTIT SHIPPAGAN       | 24                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26611        | MISCOU HARBOUR        | 69                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26616        | PIGEON HILL           | 59                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26620        | STE MARIE/ST.RAPHAEL  | 24                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26622        | SAVOY LANDING         | 8                  |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26701        | SHIPPAGAN             | 11                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26703        | INKERMAN              | 20                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26714        | LE GOULET             | 47                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26811        | TRACADIE              | 9                  |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26817        | VAL COMEAU            | 41                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27003        | BURNT CHURCH          | 29                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27005        | BAS NEGUAC            | 12                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27008        | NEGUAC                | 47                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27013        | MCEACHERN POINT       | 40                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27305        | ESCUMINAC             | 84                 |
| 2015        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27311        | EEL RIVER BRIDGE      | 15                 |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819        | NAUFRAGE              | 71                 |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820        | NORTH LAKE            | 95                 |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821        | RED HEAD              | 34                 |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR        | 24                 |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39210        | NORTH POINT           |                    |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212        | SEACOW POND           | 51                 |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214        | TIGNISH RUN           | 124                |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39215        | WEST DEVON            |                    |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230        | NORTHPORT             | 82                 |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306        | DARNLEY               |                    |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | MALPEQUE              | 30                 |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND         | 24                 |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF      | 28                 |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | FRENCH RIVER          | 37                 |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO         | 35                 |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE        |                    |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | NEW LONDON            | 6                  |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | COVEHEAD              | 17                 |
| 2015        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | TRACADIE              | 22                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14502        | NORTHPORT             |                    |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14505        | PUGWASH               | 7                  |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27504        | LOGGECROFT            | 36                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description    | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|--------------------|
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27505        | POINT SAPIN              | 84                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27507        | CAP ST. LOUIS            | 38                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27603        | CAP LUMIERE              | 27                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27610        | RICHIBUCTO               | 82                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27617        | BIG COVE                 | 6                  |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27701        | BOUCTOUCHE               |                    |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27703        | CAISSIE'S CAPE           | 15                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27709        | ST. EDOUARD              | 13                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27712        | ST. THOMAS               | 7                  |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27713        | COCAGNE BAR              | 12                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27717        | COTE STE. ANNE/CHOCKPISH | 26                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27807        | BAS CAP PELE             | 6                  |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27809        | ROBICHAUD                | 7                  |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27821        | ABOITEAU                 | 22                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28003        | CAPE TORMENTINE          | 12                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28007        | PETIT CAP                | 21                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28015        | BOTSFORD                 | 22                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE            | 38                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMINEGASH               | 41                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND           | 83                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT               | 40                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                   |                    |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT              | 8                  |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY               | 14                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF            | 10                 |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310        | SUMMERSIDE               |                    |
| 2015        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 11001        | BARRACHOIS               | 7                  |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11102        | CARIBOU/FERRY WHARF      | 46                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11111        | CAPE JOHN                | 12                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11113        | TONEY RIVER              | 24                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11115        | SKINNER'S COVE           | 9                  |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11116        | LOGAN'S POINT            | 29                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11125        | PICTOU ISLAND WEST       | 5                  |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11201        | BIG ISLAND               |                    |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11202        | LISMORE                  | 33                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11203        | LITTLE HARBOUR           | 13                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11207        | PICTOU LANDING           | 21                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11303        | ARISAIG               | 24                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11304        | BALLANTYNE'S COVE     | 24                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11305        | BAYFIELD              | 18                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11308        | HAVRE BOUCHER         | 12                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11311        | LIVINGSTONE'S COVE    | 6                  |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11317        | SOUTHSIDE HARBOUR     |                    |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11320        | BARRIOS BEACH         | 9                  |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11321        | CRIBBENS POINT        | 26                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14505        | PUGWASH               | 11                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14604        | MALAGASH              | 5                  |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14607        | WALLACE               | 16                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK       | 10                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507        | VICTORIA              |                    |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38603        | CHARLOTTETOWN         |                    |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38608        | PINETTE               |                    |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND           | 10                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF       | 6                  |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701        | BEACH POINT           | 70                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706        | GEORGETOWN            | 22                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707        | LAUNCHING             | 44                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE        |                    |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710        | MONTAGUE              | 15                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714        | NEWPORT               |                    |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716        | STURGEON              | 7                  |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND         | 49                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735        | MACHON POINT          | 56                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738        | MINK RIVER            | 21                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801        | SOURIS                | 33                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802        | ANNANDALE             | 36                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813        | FORTUNE               | 19                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10201        | CHETICAMP             | 30                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10208        | GRAND ETANG           | 26                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10212        | MARGAREE HARBOUR      | 25                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10214        | PLEASANT BAY          | 18                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10306        | FINLAY POINT          | 14                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10308        | INVERNESS             | 23                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10309        | INVERSIDE             |                    |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description  | Number of Licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|--------------------|
| 2015        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10313        | LITTLE JUDIQUE HARBOUR | 16                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10314        | LITTLE JUDIQUE PONDS   | 10                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10319        | MABOU HARBOUR          | 10                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10324        | MURPHY'S POND          | 27                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10330        | PORT HOOD              |                    |
| 2015        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10341        | BAXTER'S COVE          | 11                 |
| 2015        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 11402        | AULD'S COVE            | 8                  |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26313        | NEW MILLS              | 15                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26408        | POINTE-VERTE           | 21                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26410        | PETIT-ROCHER           | 16                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26501        | CARAQUET               | 17                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26502        | ANSE-BLEUE             | 20                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26505        | GRANDE-ANSE            |                    |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26508        | BAS CARAQUET           | 18                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26519        | STONEHAVEN             | 29                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26531        | MILLER BROOK WHARF     | 22                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26601        | LAMEQUE                |                    |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26608        | PETIT SHIPPAGAN        | 22                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26616        | MISCOU HARBOUR         | 64                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26616        | PIGEON HILL            | 60                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26620        | STE MARIE/ST RAPHAEL   | 24                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26622        | SAVOY LANDING          | 5                  |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26701        | SHIPPAGAN              | 12                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26703        | INKERMAN               | 17                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26714        | LE GOULET              | 53                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26811        | TRACADIE               | 5                  |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 26817        | VAL COMEAU             | 42                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27003        | BURNT CHURCH           | 29                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27005        | BAS NEGUAC             | 18                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27008        | NEGUAC                 | 49                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27013        | MCEACHERN POINT        | 38                 |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27301        | BAIE STE. ANNE         |                    |
| 2016        | 700 LOBSTER  |                     | Spring | 23           | PEI                          | 27305        | ESCUMINAC              | 79                 |
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819        | NAUFRAGE               | 72                 |
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820        | NORTH LAKE             | 88                 |
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821        | RED HEAD               | 32                 |
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR         | 24                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed                   | Community Description | Number of Licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------------------------|-----------------------|--------------------|
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212 SEACOW POND              |                       | 49                 |
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214 TIGNISH RUN              |                       | 134                |
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230 NORTHPORT                |                       | 80                 |
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306 DARNLEY                  |                       | 6                  |
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39307 ELLERSLIE                |                       | 5                  |
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312 MALPEQUE                 |                       | 30                 |
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328 LENNOX ISLAND            |                       | 23                 |
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340 MILLIGAN'S WHARF         |                       | 26                 |
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503 FRENCH RIVER             |                       | 34                 |
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504 NORTH RUSTICO            |                       | 36                 |
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507 STANLEY BRIDGE           |                       |                    |
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510 NEW LONDON               |                       | 6                  |
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602 COVEHEAD                 |                       | 14                 |
| 2016        | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606 TRACADIE                 |                       | 22                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14502 NORTHPORT                |                       |                    |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 14505 PUGWASH                  |                       | 9                  |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27504 LOGGIECROFT              |                       | 35                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27505 POINT SAPIN              |                       | 79                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27507 CAP ST. LOUIS            |                       | 36                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27603 CAP LUMIERE              |                       | 39                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27610 RICHIBUCTO               |                       | 66                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27701 BOUCTOUCHE               |                       |                    |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27703 CAISSIE'S CAPE           |                       | 13                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27709 ST. EDOUARD              |                       | 13                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27712 ST. THOMAS               |                       | 6                  |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27713 COCAGNE BAR              |                       | 14                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27717 COTE STE. ANNE/CHOCKPISH |                       | 25                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27807 BAS CAP PELE             |                       | 7                  |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27808 POINTE DU CHENE          |                       |                    |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27809 ROBICHAUD                |                       | 7                  |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 27821 ABOITEAU                 |                       | 24                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28003 CAPE TORMENTINE          |                       | 11                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28007 PETIT CAP                |                       | 21                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 28015 BOTSFORD                 |                       | 24                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207 HOWARD'S COVE            |                       | 39                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208 MIMINEGASH               |                       | 40                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215 SKINNER'S POND           |                       | 73                 |

| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|--------------------|
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT            | 28                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                | 6                  |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT           | 12                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY            | 10                 |
| 2016        | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF         | 7                  |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11001        | BARRACHOIS            | 47                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11102        | CARIBOU/FERRY WHARF   | 12                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11111        | CAPE JOHN             | 23                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11113        | TONEY RIVER           | 10                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11115        | SKINNER'S COVE        | 34                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11116        | LOGAN'S POINT         | 10                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11125        | PICTOU ISLAND WEST    | 31                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11201        | BIG ISLAND            | 12                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11202        | LISMORE               | 18                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11203        | LITTLE HARBOUR        | 24                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11207        | PICTOU LANDING        | 22                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11303        | ARISAIG               | 18                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11304        | BALLANTYNE'S COVE     | 12                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11305        | BAYFIELD              | 5                  |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11308        | HAVRE BOUCHER         | 9                  |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11311        | LIVINGSTONE'S COVE    | 26                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11318        | TRACADIE              | 10                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11320        | BARRIOS BEACH         | 5                  |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 11321        | CRIBBENS POINT        | 17                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14505        | PUGWASH               | 11                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14604        | MALAGASH              |                    |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 14607        | WALLACE               | 11                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK       |                    |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507        | VICTORIA              |                    |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38608        | PINETTE               | 11                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND           | 6                  |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF       | 68                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701        | BEACH POINT           | 31                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706        | GEORGETOWN            | 41                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707        | LAUNCHING             |                    |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE        | 8                  |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710        | MONTAGUE              |                    |



| Year Landed | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description  | Number of licences |
|-------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|--------------------|
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714        | NEWPORT                | 7                  |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716        | STURGEON               | 47                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND          | 41                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735        | MACHON POINT           | 7                  |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 34                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 38                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 20                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 31                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10201        | CHETICAMP              | 25                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10208        | GRAND ETANG            | 28                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10212        | MARGAREE HARBOUR       | 17                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10214        | PLEASANT BAY           | 14                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10304        | CREIGNISH              | 22                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10306        | FINLAY POINT           | 11                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10308        | INVERNESS              | 10                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10313        | LITTLE JUDIQUE HARBOUR | 10                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10314        | LITTLE JUDIQUE PONDS   | 27                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10319        | MABOU HARBOUR          | 11                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10324        | MURPHY'S POND          | 11                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10330        | PORT HOOD              | 11                 |
| 2016        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 10341        | BAXTER'S COVE          | 8                  |
| 2016        | 700 LOBSTER  |                     | Spring | 26B          | PEI                          | 11402        | AULD'S COVE            |                    |

\* 2016 data is preliminary and subject to change without notice

Number of lobster licences with reported landings by year, fishing area Province and place landed - 2003 to 2016\*

Source: Gulf Region Statistics Database, Strategic Services, Gulf Region  
Report created on March 7, 2018

| Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed               | Community Description | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|--------------|---------------------|--------|--------------|------------------------------|----------------------------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26307 DALHOUSIE            |                       | 6    |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26310 JACQUET RIVER        |                       |      | 6    |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26313 NEW MILLS            |                       | 14   | 16   | 18   | 16   | 19   | 17   | 16   | 16   | 15   | 13   | 13   | 13   | 15   | 15   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26404 BELLEDUNE            |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26408 POINTE-VERTE         |                       | 21   | 18   | 20   | 22   | 23   | 21   | 22   | 22   | 19   | 19   | 20   | 18   | 17   | 21   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26410 PETIT-ROCHER         |                       | 22   | 23   | 23   | 23   | 22   | 23   | 22   | 24   | 23   | 18   | 19   | 19   | 20   | 16   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26501 CARAQUET             |                       | 14   | 14   | 15   | 18   | 17   | 20   | 18   | 19   | 20   | 16   | 16   | 18   | 14   | 17   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26502 ANSE-BLEUE           |                       | 19   | 19   | 19   | 17   | 18   | 19   | 17   | 18   | 14   | 14   | 17   | 19   | 20   |      |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26505 GRANDE-ANSE          |                       | 9    | 10   | 9    | 9    | 9    | 10   | 9    | 10   | 9    | 11   | 11   | 8    | 7    |      |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26508 BAS CARAQUET         |                       | 19   | 15   | 14   | 10   | 11   | 10   | 10   | 11   | 9    | 14   | 13   | 13   | 11   | 18   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26519 STONEHAVEN           |                       | 31   | 34   | 33   | 32   | 32   | 31   | 31   | 30   | 31   | 30   | 30   | 30   | 31   | 29   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26531 MILLER BROOK WHARF   |                       | 26   | 25   | 25   | 25   | 24   | 24   | 21   | 21   | 21   | 20   | 20   | 21   | 21   | 22   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26601 LAMEQUE              |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26608 PETIT SHIPPAGAN      |                       | 39   | 34   | 29   | 34   | 34   | 35   | 35   | 38   | 39   | 26   | 28   | 23   | 24   | 22   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26611 MISCOU HARBOUR       |                       | 61   | 63   | 68   | 61   | 56   | 58   | 56   | 60   | 58   | 60   | 67   | 75   | 69   | 64   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26616 PIGEON HILL          |                       | 67   | 71   | 66   | 66   | 67   | 66   | 63   | 61   | 67   | 57   | 58   | 59   | 59   | 60   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26620 STE MARIE/ST RAPHAEL |                       | 30   | 28   | 30   | 30   | 31   | 30   | 30   | 27   | 27   | 23   | 29   | 25   | 24   | 24   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26622 SAVOY LANDING        |                       | 16   | 17   | 13   | 16   | 16   | 16   | 12   | 13   | 14   | 8    | 16   | 13   | 8    | 5    |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26701 SHIPPAGAN            |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26703 INKERMANN            |                       | 20   | 17   | 18   | 23   | 22   | 21   | 23   | 22   | 19   | 20   | 25   | 17   | 20   | 17   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26714 LE GOULET            |                       | 55   | 56   | 56   | 49   | 49   | 49   | 51   | 57   | 54   | 53   | 58   | 52   | 47   | 53   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26811 TRACADIE             |                       | 11   | 10   | 9    | 9    | 9    | 8    | 8    | 8    | 9    | 6    | 7    | 8    | 9    | 5    |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 26817 VAL COMEAU           |                       | 43   | 45   | 46   | 46   | 45   | 47   | 46   | 47   | 46   | 41   | 45   | 44   | 41   | 42   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 27003 BURNT CHURCH         |                       | 25   | 24   | 28   | 22   | 14   | 25   | 22   | 21   | 15   | 29   | 24   | 23   | 29   | 29   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 27005 BAS NEGUAC           |                       | 12   | 9    | 7    | 13   | 11   | 10   | 9    | 9    | 6    | 14   | 22   | 9    | 12   | 18   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 27008 NEGUAC               |                       | 41   | 45   | 47   | 51   | 50   | 44   | 40   | 43   | 46   | 41   | 42   | 38   | 47   | 49   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 27013 MCEACHERN POINT      |                       | 43   | 41   | 41   | 40   | 41   | 41   | 41   | 41   | 44   | 45   | 40   | 41   | 40   | 38   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 27301 BAIE STE. ANNE       |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 27302 BAY DU VIN RIVER     |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 27305 ESCUMINAC            |                       | 96   | 114  | 98   | 112  | 109  | 109  | 106  | 92   | 89   | 76   | 92   | 80   | 84   | 79   |
| 700 LOBSTER  |                     | Spring | 23           | NB                           | 27311 EEL RIVER BRIDGE     |                       | 16   |      | 11   |      |      |      |      | 19   | 22   | 19   | 18   | 20   | 15   |      |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819 NAUFRAGE             |                       | 76   | 77   | 76   | 76   | 76   | 76   | 74   | 74   | 72   | 72   | 75   | 72   | 71   | 72   |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820 NORTH LAKE           |                       | 92   | 94   | 94   | 92   | 92   | 90   | 91   | 91   | 96   | 91   | 89   | 90   | 95   | 88   |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821 RED HEAD             |                       | 33   | 34   | 33   | 33   | 34   | 34   | 37   | 37   | 37   | 34   | 33   | 34   | 34   | 32   |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824 SAVAGE HARBOUR       |                       | 20   | 20   | 20   | 13   | 21   | 21   | 21   | 22   | 22   | 23   | 25   | 24   | 24   | 24   |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39203 CASCUMEPEC           |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39210 NORTH POINT          |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212 SEACOW POND          |                       | 26   | 28   | 29   | 31   | 31   | 36   | 31   | 35   | 31   | 38   | 56   | 56   | 51   | 49   |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39213 TIGNISH              |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214 TIGNISH RUN          |                       | 118  | 116  | 121  | 124  | 119  | 120  | 119  | 120  | 121  | 119  | 123  | 126  | 124  | 134  |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39215 WEST DEVON           |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39219 JUDE'S POINT         |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230 NORTHPORT            |                       | 79   | 83   | 80   | 78   | 78   | 78   | 78   | 77   | 80   | 79   | 79   | 78   | 82   | 80   |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39302 BIDEFORD             |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306 DARNLEY              |                       |      | 7    |      | 6    |      |      |      |      |      |      |      |      |      | 6    |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39307 ELLERSLIE            |                       |      |      |      |      |      |      |      | 25   | 21   |      |      |      |      | 5    |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39309 GRAND RIVER          |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

| Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed                   | Community Description | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|--------------|---------------------|--------|--------------|------------------------------|--------------------------------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312 MALPEQUE                 |                       | 33   |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39316 PORT HILL                |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39321 HARDY'S CHANNEL          |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328 LENNOX ISLAND            |                       | 22   | 23   | 22   | 25   | 23   | 34   | 45   | 16   |      | 37   | 25   | 23   | 24   | 23   |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340 MILLIGAN'S WHARF         |                       | 26   | 28   | 32   | 36   | 35   | 35   | 35   | 44   | 46   | 29   | 30   | 29   | 28   | 26   |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39341 CONWAY NARROWS           |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503 FRENCH RIVER             |                       | 29   | 29   | 29   | 30   | 27   | 29   | 32   | 30   | 29   | 30   | 26   | 34   | 37   | 34   |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504 NORTH RUSTICO            |                       | 36   | 36   | 37   | 37   | 37   | 41   | 48   | 30   | 34   | 37   | 35   | 37   | 35   | 36   |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507 STANLEY BRIDGE           |                       | 5    | 5    |      |      | 5    | 5    |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510 NEW LONDON               |                       | 7    | 6    | 5    | 5    | 8    | 9    | 7    | 7    | 6    | 8    | 10   | 7    | 6    | 6    |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602 COVEHEAD                 |                       | 15   | 17   | 15   | 15   | 15   | 15   | 16   | 17   | 14   | 15   | 15   | 15   | 17   | 14   |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606 TRACADIE                 |                       | 19   | 21   | 21   | 19   | 23   | 18   | 20   | 20   | 18   | 23   | 20   | 21   | 22   | 22   |
| 700 LOBSTER  |                     | Spring | 24           | PEI                          | 27504 LOGGECROFT               |                       | 58   | 60   | 46   | 54   | 52   | 52   | 53   | 37   | 46   | 52   | 46   | 36   | 35   | 35   |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27505 POINT SAPIN              |                       | 99   | 101  | 92   | 95   | 97   | 99   | 94   | 95   | 85   | 82   | 91   | 90   | 84   | 79   |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27507 CAP ST. LOUIS            |                       | 51   | 51   | 51   | 47   | 48   | 46   | 43   | 44   | 42   | 38   | 41   | 39   | 38   | 36   |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27603 CAP LUMIERE              |                       | 39   | 37   | 34   | 29   | 28   | 29   | 31   | 29   | 28   | 26   | 26   | 27   | 39   | 27   |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27610 RICHIBUCTO               |                       | 90   | 89   | 97   | 75   | 78   | 85   | 73   | 72   | 79   | 82   | 76   | 76   | 82   | 66   |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27617 BIG COVE                 |                       |      |      |      |      |      |      |      |      |      |      |      |      |      | 6    |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27625 INDIAN ISLAND            |                       | 2    |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27701 BOUCTOUCHE               |                       | 13   | 12   | 12   | 13   | 15   | 16   | 15   | 13   | 14   | 14   | 10   | 12   | 15   | 13   |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27703 CAISSIE'S CAPE           |                       | 6    | 5    | 5    |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27706 COCAGNE CAPE             |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27709 ST. EDOUARD              |                       | 12   | 16   | 13   | 15   | 13   | 12   | 12   | 14   | 12   | 11   | 12   | 11   | 13   | 13   |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27712 ST. THOMAS               |                       | 9    | 12   | 12   | 13   | 10   | 10   | 11   | 10   | 8    | 9    | 8    | 8    | 7    | 6    |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27713 COCAGNE BAR              |                       | 8    | 13   | 14   | 12   | 13   | 12   | 14   | 15   | 13   | 13   | 13   | 12   | 14   | 13   |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27717 COTE STE. ANNE/CHOCKPISH |                       | 34   | 33   | 28   | 25   | 25   | 23   | 22   | 25   | 32   | 25   | 19   | 22   | 26   | 25   |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27807 BAS CAP PELE             |                       | 8    | 16   | 10   | 10   | 12   | 14   | 13   | 14   | 5    | 6    | 5    | 6    | 6    | 7    |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27808 POINTE DU CHENE          |                       | 7    |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27809 ROBICHAUD                |                       | 16   | 9    | 10   | 9    | 8    | 8    | 8    | 9    | 7    | 6    | 6    | 6    | 7    | 7    |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27821 ABOITEAU                 |                       | 26   | 23   | 24   | 24   | 23   | 25   | 26   | 24   | 23   | 21   | 21   | 25   | 22   | 24   |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28003 CAPE TORMENTINE          |                       | 22   | 21   | 23   | 22   | 20   | 19   | 16   | 17   | 14   | 13   | 14   | 13   | 12   | 11   |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28007 PETIT CAP                |                       | 35   | 35   | 32   | 32   | 32   | 35   | 33   | 31   | 25   | 23   | 21   | 22   | 21   | 21   |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28008 LITTLE SHERMOGUE         |                       | 6    | 6    | 8    | 7    | 9    |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28012 PORT ELGIN               |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28015 BOTSFORD                 |                       | 29   | 32   | 30   | 32   | 28   | 35   | 32   | 30   | 26   | 24   | 24   | 22   | 22   | 24   |
| 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14502 NORTHPORT                |                       | 7    | 8    |      |      | 7    | 6    |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14505 PUGWASH                  |                       | 8    | 8    | 6    | 5    | 5    | 6    | 3    | 7    | 5    | 7    | 5    | 8    | 7    | 9    |
| 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38202 BRAE HARBOUR             |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207 HOWARD'S COVE            |                       | 38   | 38   | 38   | 39   | 39   | 38   | 30   | 30   | 39   | 39   | 39   | 38   | 38   | 39   |
| 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208 MIMINEGASH               |                       | 49   | 48   | 52   | 46   | 48   | 46   | 44   | 42   | 41   | 41   | 36   | 37   | 41   | 40   |
| 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215 SKINNER'S POND           |                       | 100  | 102  | 101  | 98   | 103  | 101  | 87   | 82   | 84   | 89   | 86   | 88   | 83   | 73   |
| 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218 WEST POINT               |                       | 29   | 30   | 30   | 29   | 31   | 32   | 31   | 26   | 28   | 32   | 37   | 37   | 40   | 28   |
| 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38301 ABRAMS VILLAGE           |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302 BORDEN                   |                       | 6    |      |      |      |      |      | 5    |      |      |      | 5    |      |      |      |
| 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303 CAPE EGMONT              |                       | 10   | 10   | 8    | 7    | 8    | 9    | 7    | 7    | 6    | 7    | 8    | 8    | 8    | 6    |
| 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305 EGMONT BAY               |                       | 21   | 17   | 14   | 14   | 14   | 14   | 12   | 11   | 12   | 11   | 11   | 12   | 14   | 12   |
| 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306 HIGGINS WHARF            |                       | 8    | 9    | 10   | 9    | 11   | 9    | 9    | 11   | 10   | 10   | 9    | 10   | 10   | 10   |
| 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310 SUMMERSIDE               |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38311 FISHING COVE             |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507 VICTORIA                 |                       | 6    | 6    |      |      |      |      |      |      |      |      |      |      |      |      |

| Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description     | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|--------------|---------------------|--------|--------------|------------------------------|--------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11001 BARACHOIS           | 11   | 10   | 11   | 8    | 7    | 7    | 6    | 7    | 7    | 9    | 10   | 7    | 7    | 7    |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11102 CARIBOU/FERRY WHARF | 52   | 59   | 63   | 69   | 66   | 55   | 43   | 48   | 41   | 48   | 52   | 45   | 46   | 47   |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11106 PICTOU ISLAND EAST  | 5    |      |      | 5    | 5    |      | 6    | 7    | 10   |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11111 CAPE JOHN           | 11   | 10   | 13   | 13   | 14   | 14   | 12   | 13   | 10   | 11   | 11   | 12   | 12   | 12   |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11113 TONEY RIVER         | 25   | 27   | 24   | 27   | 27   | 27   | 25   | 25   | 23   | 24   | 23   | 24   | 24   | 23   |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11115 SKINNER'S COVE      | 9    | 12   | 13   | 12   | 12   | 12   | 12   | 13   | 9    | 9    | 9    | 9    | 10   | 9    |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11116 LOGAN'S POINT       |      |      |      |      |      |      | 34   | 38   | 34   | 33   | 36   | 29   | 29   | 34   |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11125 PICTOU ISLAND WEST  | 7    | 8    | 9    | 7    | 7    | 7    |      |      |      |      |      | 9    | 5    | 10   |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11126 PICTOU HARBOUR      |      |      |      |      |      |      | 2    |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11201 BIG ISLAND          | 31   | 32   | 33   | 33   | 31   | 30   | 31   | 36   | 30   | 31   | 30   | 31   | 33   | 31   |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11202 LISMORE             | 13   | 15   | 10   | 14   | 15   | 16   | 17   | 15   | 15   | 13   | 14   | 14   | 13   | 12   |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11203 LITTLE HARBOUR      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11204 MERIGOMISH          | 14   | 14   | 17   | 14   | 13   | 13   | 16   | 18   | 16   | 16   | 17   | 18   | 21   | 18   |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11207 PICTOU LANDING      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11302 ANTIGONISH HARBOUR  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11303 ARISAIG             | 23   | 23   | 26   | 24   | 23   | 23   | 23   | 23   | 23   | 23   | 24   | 23   | 24   | 24   |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11304 BALLANTYNE'S COVE   | 18   | 18   | 24   | 24   | 24   | 23   | 24   | 28   | 24   | 26   | 31   | 24   | 24   | 22   |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11305 BAYFIELD            | 15   | 19   | 18   | 18   | 16   | 18   | 18   | 19   | 19   | 20   | 18   | 18   | 18   | 18   |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11308 HAVRE BOUCHER       | 13   | 13   | 14   | 12   | 11   | 14   | 14   | 10   | 12   | 12   | 12   | 14   | 12   | 12   |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11311 LIVINGSTONE'S COVE  | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 7    | 5    | 5    | 5    |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11315 MORRISTOWN          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11316 POMQUET             | 5    |      |      | 5    | 5    | 5    | 5    | 5    | 5    | 5    |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11317 SOUTHSIDE HARBOUR   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11318 TRACADIE            | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 6    | 5    | 5    | 5    | 9    | 9    | 9    |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11320 BARRIOS BEACH       | 8    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    | 9    |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 11321 CRIBBENS POINT      | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 26   | 26   | 25   | 25   | 26   | 26   | 26   |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 14505 PUGWASH             | 16   | 17   | 17   | 13   | 13   | 13   | 12   | 12   | 11   | 11   | 11   | 11   | 10   | 10   |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 14604 MALAGASH            | 9    | 9    | 7    | 7    | 7    | 8    | 8    | 7    | 5    | 5    | 6    | 5    | 5    | 5    |
| 700 LOBSTER  |                     | Spring | 26A          | NS                           |              | 14607 WALLACE             | 21   | 23   | 22   | 18   | 20   | 19   | 19   | 18   | 20   | 14   | 14   | 16   | 16   | 17   |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38505 NINE MILE CREEK     | 12   | 12   | 13   | 13   | 11   | 11   | 11   | 10   | 10   | 9    | 9    | 11   | 10   | 11   |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38507 VICTORIA            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38603 CHARLOTTETOWN       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38608 PINETTE             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38614 WOOD ISLAND         | 13   | 12   | 13   | 12   | 12   | 14   | 10   | 10   | 10   | 11   | 10   | 10   | 10   | 11   |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38615 MACAULAYS WHARF     | 10   | 10   | 10   | 10   | 11   | 10   | 10   | 10   | 10   | 9    | 6    | 6    | 6    | 6    |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38701 BEACH POINT         | 93   | 92   | 94   | 92   | 92   | 89   | 87   | 83   | 71   | 72   | 72   | 78   | 70   | 68   |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38703 CARDIGAN BAY        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38705 GASPERAUX           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38706 GEORGETOWN          | 23   | 23   | 21   | 24   | 23   | 22   | 24   | 21   | 21   | 19   | 24   | 27   | 22   | 31   |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38707 LAUNCHING           | 44   | 46   | 44   | 46   | 44   | 42   | 43   | 44   | 43   | 42   | 43   | 43   | 44   | 41   |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38709 LOWER MONTAGUE      | 16   | 14   | 16   | 16   | 23   | 20   | 20   | 8    | 8    | 10   | 5    |      |      |      |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38710 MONTAGUE            | 9    | 11   | 11   | 10   | 6    | 7    | 14   | 20   | 17   | 15   | 17   | 13   | 15   | 8    |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38711 MURRAY HARBOUR      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38713 MURRAY RIVER        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38714 NEWPORT             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38716 STURGEON            | 6    | 6    | 6    | 6    | 6    | 7    | 8    | 7    | 7    | 7    | 8    | 7    | 7    | 7    |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38720 GRAHAM'S POND       | 57   | 61   | 59   | 60   | 65   | 64   | 62   | 57   | 51   | 51   | 51   | 49   | 49   | 47   |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38735 MACHON POINT        | 29   | 30   | 33   | 37   | 49   | 49   | 61   | 41   | 39   | 35   | 62   | 50   | 56   | 41   |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38738 MINK RIVER          | 5    | 15   | 13   | 15   | 14   | 14   | 14   | 9    | 8    | 13   | 19   | 17   | 21   | 7    |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38801 SOURIS              | 29   | 29   | 29   | 29   | 31   | 29   | 31   | 35   | 33   | 30   | 28   | 28   | 33   | 34   |

| Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description        | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38802 ANNANDALE              | 38   | 38   | 39   | 29   | 41   | 40   | 44   | 39   | 30   | 41   | 36   | 35   | 36   | 38   |
| 700 LOBSTER  |                     | Spring | 26A          | PEI                          |              | 38813 FORTUNE                | 22   | 21   | 23   | 26   | 22   | 24   | 23   | 21   | 23   | 22   | 21   | 21   | 19   | 20   |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 10201 CHETICAMP              | 32   | 28   | 28   | 33   | 31   | 31   | 31   | 34   | 29   | 30   | 33   | 34   | 30   | 31   |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 10208 GRAND ETANG            | 25   | 35   | 32   | 31   | 30   | 28   | 29   | 26   | 26   | 25   | 26   | 25   | 26   | 25   |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 10209 LA POINTE              | 9    | 8    | 10   | 8    | 7    | 5    |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 10212 MARGAREE HARBOUR       | 30   | 31   | 31   | 31   | 34   | 29   | 27   | 25   | 24   | 24   | 25   | 24   | 25   | 28   |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 10214 PLEASANT BAY           | 21   | 21   | 21   | 21   | 21   | 22   | 22   | 22   | 19   | 18   | 18   | 18   | 18   | 17   |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 10301 BROAD COVE MARSH       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 10304 CREIGNISH              | 15   | 15   | 20   | 15   | 15   | 15   | 14   | 16   | 20   | 14   | 15   | 12   | 14   | 14   |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 10306 FINLAY POINT           | 19   | 25   | 28   | 23   | 28   | 23   | 22   | 23   | 22   | 22   | 23   | 17   | 23   | 22   |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 10308 INVERNESS              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 10309 INVERSIDE              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 10313 LITTLE JUDIQUE HARBOUR | 15   | 16   | 16   | 22   | 16   | 15   | 15   | 13   | 15   | 14   | 24   | 16   | 16   | 11   |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 10314 LITTLE JUDIQUE PONDS   | 12   | 11   | 10   | 9    | 12   | 10   |      |      | 9    | 10   | 16   | 19   | 10   | 10   |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 10319 MABOU HARBOUR          | 12   | 13   | 12   | 12   | 13   | 11   | 11   | 10   | 10   | 10   | 10   | 13   | 10   | 10   |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 10323 MARYVILLE              |      |      |      |      |      |      | 9    | 11   | 11   |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 10324 MURPHY'S POND          | 29   | 31   | 39   | 31   | 35   | 32   | 31   | 28   | 29   | 30   | 28   | 28   | 27   | 27   |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 10330 PORT HOOD              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 10341 BAXTER'S COVE          | 16   | 15   | 16   | 14   | 14   | 13   | 13   | 13   | 12   | 11   | 11   | 10   | 11   | 11   |
| 700 LOBSTER  |                     | Spring | 26B          | NS                           |              | 11402 AULD'S COVE            | 6    | 7    | 6    | 9    | 9    | 10   | 10   | 10   | 14   | 13   | 15   | 20   | 11   | 8    |

\* 2016 data is preliminary and subject to change without notice

## Number of vessels with lobster landings by year, fishing area, Province and place landed - 2003 to 2016\*

Source: Gulf Region Statistics Database, Strategic Services, Gulf Region  
Report created on March 7, 2018

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26307        | DALHOUSIE             | 7                 |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26310        | JACQUET RIVER         | 5                 |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26313        | NEW MILLS             | 15                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26404        | BELLEDUNE             | 4                 |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26408        | POINTE-VERTE          | 22                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26410        | PETIT-ROCHER          | 23                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26501        | CARAQUET              | 15                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26502        | ANSE-BLEUE            | 20                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26505        | GRANDE-ANSE           | 10                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26508        | BAS CARAQUET          | 20                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26519        | STONEHAVEN            | 32                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26531        | MILLER BROOK WHARF    | 26                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26601        | LAMEQUE               | 2                 |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26608        | PETIT SHIPPAGAN       | 40                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26611        | MISCOU HARBOUR        | 62                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26616        | PIGEON HILL           | 68                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26620        | STE MARIE/ST.RAPHAEL  | 31                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26622        | SAVOY LANDING         | 17                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26701        | SHIPPAGAN             | 3                 |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26703        | INKERMAN              | 21                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26714        | LE GOULET             | 56                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26811        | TRACADIE              | 12                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26817        | VAL COMEAU            | 44                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 27003        | BURNT CHURCH          | 26                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 27005        | BAS NEGUAC            | 13                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 27008        | NEGUAC                | 43                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 27013        | MCEACHERN POINT       | 43                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 27302        | BAY DU VIN RIVER      | 1                 |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 27305        | ESCUMINAC             | 97                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 27311        | EEL RIVER BRIDGE      | 16                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 38819        | NAUFRAGE              | 77                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 38820        | NORTH LAKE            | 93                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 38821        | RED HEAD              | 34                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR        | 21                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39212        | SEACOW POND           | 28                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description    | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|-------------------|
| 2003                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214        | TIGNISH RUN              | 120               |
| 2003                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39219        | JUDE'S POINT             | 1                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230        | NORTHPORT                | 80                |
| 2003                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306        | DARNLEY                  | 5                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39309        | GRAND RIVER              | 1                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | MALPEQUE                 | 34                |
| 2003                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39316        | PORT HILL                | 2                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND            | 21                |
| 2003                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF         | 28                |
| 2003                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | FRENCH RIVER             | 30                |
| 2003                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO            | 38                |
| 2003                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE           | 6                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | NEW LONDON               | 7                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | COVEHEAD                 | 16                |
| 2003                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | TRACADIE                 | 20                |
| 2003                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 27504        | LOGGIECROFT              | 59                |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27505        | POINT SAPIN              | 100               |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27507        | CAP ST. LOUIS            | 52                |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27603        | CAP LUMIERE              | 40                |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27610        | RICHIBUCTO               | 91                |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27625        | INDIAN ISLAND            | 2                 |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27703        | CAISSIE'S CAPE           | 14                |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27706        | COCAGNE CAPE             | 7                 |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27709        | ST. EDOUARD              | 13                |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27712        | ST. THOMAS               | 10                |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27713        | COCAGNE BAR              | 9                 |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27717        | COTE STE. ANNE/CHOCKPISH | 35                |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27807        | BAS CAP PELE             | 9                 |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27808        | POINTE DU CHENE          | 8                 |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27809        | ROBICHAUD                | 17                |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27821        | ABOITEAU                 | 27                |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28003        | CAPE TORMENTINE          | 23                |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28007        | PETIT CAP                | 36                |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28008        | LITTLE SHEMOGUE          | 7                 |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28015        | BOTSFORD                 | 30                |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14502        | NORTHPORT                | 8                 |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14505        | PUGWASH                  | 9                 |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38202        | BRAE HARBOUR             | 1                 |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE            | 39                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMINEGASH            | 50                |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND        | 100               |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT            | 30                |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                | 7                 |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT           | 11                |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY            | 22                |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF         | 9                 |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310        | SUMMER SIDE           | 3                 |
| 2003                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507        | VICTORIA              | 6                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11001        | BARRACHOIS            | 12                |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11102        | CARIBOU/FERRY WHARF   | 54                |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11106        | PICTOU ISLAND EAST    | 6                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11111        | CAPE JOHN             | 12                |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11113        | TONEY RIVER           | 26                |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11115        | SKINNER'S COVE        | 10                |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11125        | PICTOU ISLAND WEST    | 8                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11201        | BIG ISLAND            | 5                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11202        | LISMORE               | 32                |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11203        | LITTLE HARBOUR        | 14                |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11204        | MERIGOMISH            | 1                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11207        | PICTOU LANDING        | 15                |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11303        | ARISAIG               | 25                |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11304        | BALLANTYNE'S COVE     | 19                |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11305        | BAYFIELD              | 16                |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11308        | HAVRE BOUCHER         | 14                |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11311        | LIVINGSTONE'S COVE    | 8                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11316        | POMQUET               | 2                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11317        | SOUTHSIDE HARBOUR     | 6                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11318        | TRACADIE              | 6                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11320        | BARRIOS BEACH         | 9                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11321        | CRIBBENS POINT        | 26                |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14505        | PUGWASH               | 17                |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14604        | MALAGASH              | 10                |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14607        | WALLACE               | 22                |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 38505        | NINE MILE CREEK       | 13                |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507        | VICTORIA              | 5                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38603        | CHARLOTTETOWN         | 3                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38608        | PINETTE               | 1                 |
| 2003                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND           | 14                |



| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description  | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|-------------------|
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF        | 10                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38701        | BEACH POINT            | 93                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38705        | GASPERAUX              | 1                 |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38706        | GEORGETOWN             | 23                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38707        | LAUNCHING              | 45                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE         | 16                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38710        | MONTAGUE               | 10                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38711        | MURRAY HARBOUR         | 2                 |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38714        | NEWPORT                | 3                 |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38716        | STURGEON               | 7                 |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND          | 58                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38735        | MACHON POINT           | 30                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 6                 |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 30                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 39                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 23                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 10201        | CHETICAMP              | 33                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10208        | GRAND ETANG            | 26                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10209        | LA POINTE              | 10                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10212        | MARGAREE HARBOUR       | 31                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10214        | PLEASANT BAY           | 22                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10301        | BROAD COVE MARSH       | 3                 |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10304        | CREIGNISH              | 3                 |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10306        | FINLAY POINT           | 16                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10308        | INVERNESS              | 20                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10313        | LITTLE JUDIQUE HARBOUR | 16                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10314        | LITTLE JUDIQUE PONDS   | 13                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10319        | MABOU HARBOUR          | 13                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10324        | MURPHY'S POND          | 30                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10330        | PORT HOOD              | 3                 |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10341        | BAXTER'S COVE          | 17                |
| 2003                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 11402        | AULD'S COVE            | 7                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26307        | DALHOUSIE              | 5                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26310        | JACQUET RIVER          | 7                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26313        | NEW MILLS              | 17                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26404        | BELLEDUNE              | 4                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26408        | POINTE-VERTE           | 19                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26410        | PETIT-ROCHER           | 24                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26501        | CARAQUET               | 15                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26502        | ANSE-BLEUE            | 20                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26505        | GRANDE-ANSE           | 11                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26508        | BAS CARAQUET          | 16                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26519        | STONEHAVEN            | 35                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26531        | MILLER BROOK WHARF    | 26                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26601        | LAMEQUE               | 2                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26608        | PETIT SHIPPAGAN       | 35                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26611        | MISCOU HARBOUR        | 64                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26616        | PIGEON HILL           | 72                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26620        | STE MARIE/ST.RAPHAEL  | 29                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26622        | SAVOY LANDING         | 18                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26701        | SHIPPAGAN             | 1                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26703        | INKERMAN              | 18                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26714        | LE GOULET             | 57                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26811        | TRACADIE              | 11                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 26817        | VAL COMEAU            | 46                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 27003        | BURNT CHURCH          | 26                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 27005        | BAS NEGUAC            | 10                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 27008        | NEGUAC                | 47                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 27013        | MCEACHERN POINT       | 43                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 27302        | BAY DU VIN RIVER      | 1                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 27305        | ESCUMINAC             | 116               |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 38819        | NAUFRAGE              | 78                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 38820        | NORTH LAKE            | 96                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 38821        | RED HEAD              | 35                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR        | 21                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39212        | SEACOW POND           | 29                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39213        | TIGNISH               | 1                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39214        | TIGNISH RUN           | 118               |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39219        | JUDE'S POINT          | 2                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39230        | NORTHPORT             | 86                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39306        | DARNLEY               | 8                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39309        | GRAND RIVER           | 1                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39312        | MALPEQUE              | 33                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39316        | PORT HILL             | 2                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND         | 23                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF      | 29                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39503        | FRENCH RIVER          | 31                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO         | 37                |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------------------------|-----------------------|-------------------|
| 2004                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507 STANLEY BRIDGE           |                       | 6                 |
| 2004                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510 NEW LONDON               |                       | 7                 |
| 2004                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602 COVEHEAD                 |                       | 18                |
| 2004                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606 TRACADIE                 |                       | 22                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27504 LOGGIECROFT              |                       | 61                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27505 POINT SAPIN              |                       | 101               |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27507 CAP ST. LOUIS            |                       | 52                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27603 CAP LUMIERE              |                       | 38                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27610 RICHIBUCTO               |                       | 90                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27617 BIG COVE                 |                       | 1                 |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27625 INDIAN ISLAND            |                       | 1                 |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27703 CAISSIE'S CAPE           |                       | 13                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27706 COCAGNE CAPE             |                       | 6                 |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27709 ST. EDOUARD              |                       | 17                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27712 ST. THOMAS               |                       | 13                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27713 COCAGNE BAR              |                       | 14                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27717 COTE STE. ANNE/CHOCKPISH |                       | 34                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27807 BAS CAP PELE             |                       | 17                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27808 POINTE DU CHENE          |                       | 4                 |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27809 ROBICHAUD                |                       | 10                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27821 ABOITEAU                 |                       | 24                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28003 CAPE TORMENTINE          |                       | 22                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28007 PETIT CAP                |                       | 36                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28008 LITTLE SHEMOGUE          |                       | 7                 |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28015 BOTSFORD                 |                       | 33                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14502 NORTHPORT                |                       | 9                 |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14505 PUGWASH                  |                       | 9                 |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207 HOWARD'S COVE            |                       | 39                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208 MIMINEGASH               |                       | 49                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215 SKINNER'S POND           |                       | 105               |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218 WEST POINT               |                       | 31                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302 BORDEN                   |                       | 3                 |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303 CAPE EGMONT              |                       | 11                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305 EGMONT BAY               |                       | 18                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306 HIGGINS WHARF            |                       | 10                |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310 SUMMERSIDE               |                       | 1                 |
| 2004                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507 VICTORIA                 |                       | 6                 |
| 2004                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11001 BARRACHOIS               |                       | 11                |
| 2004                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11102 CARIBOU/FERRY WHARF      |                       | 60                |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11106        | PICTOU ISLAND EAST    | 5                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11111        | CAPE JOHN             | 11                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11113        | TONEY RIVER           | 28                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11115        | SKINNER'S COVE        | 14                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11125        | PICTOU ISLAND WEST    | 9                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11201        | BIG ISLAND            | 5                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11202        | LISMORE               | 33                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11203        | LITTLE HARBOUR        | 16                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11207        | PICTOU LANDING        | 15                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11302        | ANTIGONISH HARBOUR    | 3                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11303        | ARISAIG               | 24                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11304        | BALLANTYNE'S COVE     | 19                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11305        | BAYFIELD              | 19                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11308        | HAVRE BOUCHER         | 14                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11311        | LIVINGSTONE'S COVE    | 8                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11316        | POMQUET               | 2                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11317        | SOUTHSIDE HARBOUR     | 4                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11318        | TRACADIE              | 6                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11320        | BARRIOS BEACH         | 10                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11321        | CRIBBENS POINT        | 26                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 14505        | PUGWASH               | 18                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 14604        | MALAGASH              | 10                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 14607        | WALLACE               | 24                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK       | 13                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38507        | VICTORIA              | 3                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38603        | CHARLOTTETOWN         | 3                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38608        | PINETTE               | 1                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND           | 13                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF       | 10                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38701        | BEACH POINT           | 94                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38706        | GEORGETOWN            | 24                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38707        | LAUNCHING             | 48                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE        | 14                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38710        | MONTAGUE              | 12                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38711        | MURRAY HARBOUR        | 4                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38714        | NEWPORT               | 2                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38716        | STURGEON              | 7                 |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND         | 61                |
| 2004                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38735        | MACHON POINT          | 31                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description  | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|-------------------|
| 2004                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 17                |
| 2004                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 30                |
| 2004                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 39                |
| 2004                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 22                |
| 2004                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10201        | CHETICAMP              | 29                |
| 2004                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10208        | GRAND ETANG            | 36                |
| 2004                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10209        | LA POINTE              | 8                 |
| 2004                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10212        | MARGAREE HARBOUR       | 32                |
| 2004                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10214        | PLEASANT BAY           | 22                |
| 2004                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10304        | CREIGNISH              | 1                 |
| 2004                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10306        | FINLAY POINT           | 16                |
| 2004                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10308        | INVERNESS              | 26                |
| 2004                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10313        | LITTLE JUDIQUE HARBOUR | 17                |
| 2004                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10314        | LITTLE JUDIQUE PONDS   | 12                |
| 2004                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10319        | MABOU HARBOUR          | 14                |
| 2004                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10324        | MURPHY'S POND          | 32                |
| 2004                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10330        | PORT HOOD              | 3                 |
| 2004                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10341        | BAXTER'S COVE          | 16                |
| 2004                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 11402        | AULD'S COVE            | 8                 |
| 2004                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 26310        | JACQUET RIVER          | 2                 |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26313        | NEW MILLS              | 19                |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26404        | BELLEDUNE              | 2                 |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26408        | POINTE-VERTE           | 21                |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26410        | PETIT-ROCHER           | 24                |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26501        | CARAQUET               | 16                |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26502        | ANSE-BLEUE             | 20                |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26505        | GRANDE-ANSE            | 10                |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26508        | BAS CARAQUET           | 15                |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26519        | STONEHAVEN             | 34                |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26531        | MILLER BROOK WHARF     | 26                |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26601        | LAMEQUE                | 1                 |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26608        | PETIT SHIPPAGAN        | 30                |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26611        | MISCOU HARBOUR         | 69                |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26616        | PIGEON HILL            | 69                |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26620        | STE MARIE/ST. RAPHAEL  | 31                |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26622        | SAVOY LANDING          | 14                |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26701        | SHIPPAGAN              | 2                 |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26703        | INKERMAN               | 19                |
| 2005                    | 700          | LOBSTER             | Spring | 23           | NB                           | 26714        | LE GOULET              | 57                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2005                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26811        | TRACADIE              | 10                |
| 2005                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26817        | VAL COMEAU            | 48                |
| 2005                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27003        | BURNT CHURCH          | 29                |
| 2005                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27005        | BAS NEGUAC            | 8                 |
| 2005                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27008        | NEGUAC                | 49                |
| 2005                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27013        | MCEACHERN POINT       | 42                |
| 2005                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27302        | BAY DU VIN RIVER      | 1                 |
| 2005                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27305        | ESCUMINAC             | 99                |
| 2005                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27311        | EEL RIVER BRIDGE      | 11                |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819        | NAUFRAGE              | 77                |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820        | NORTH LAKE            | 96                |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821        | RED HEAD              | 34                |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR        | 21                |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212        | SEACOW POND           | 30                |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39213        | TIGNISH               | 1                 |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214        | TIGNISH RUN           | 124               |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39219        | JUDE'S POINT          | 1                 |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230        | NORTHPORT             | 81                |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306        | DARNLEY               | 5                 |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | MALPEQUE              | 32                |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39316        | PORT HILL             | 2                 |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND         | 23                |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF      | 34                |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | FRENCH RIVER          | 30                |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO         | 38                |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE        | 5                 |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | NEW LONDON            | 6                 |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | COVEHEAD              | 16                |
| 2005                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | TRACADIE              | 22                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27504        | LOGGECROFT            | 47                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27505        | POINT SAPIN           | 92                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27507        | CAP ST. LOUIS         | 52                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27603        | CAP LUMIERE           | 35                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27610        | RICHIBUCTO            | 98                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27617        | BIG COVE              | 1                 |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27625        | INDIAN ISLAND         | 1                 |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27703        | CAISSIE'S CAPE        | 13                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27706        | COCAGNE CAPE          | 6                 |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27709        | ST. EDOUARD           | 15                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description    | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|-------------------|
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27712        | ST. THOMAS               | 13                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27713        | COCAGNE BAR              | 15                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27717        | COTE STE. ANNE/CHOCKPISH | 29                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27807        | BAS CAP PELE             | 11                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27808        | POINTE DU CHENE          | 3                 |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27809        | ROBICHAUD                | 11                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27821        | ABOITEAU                 | 25                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28003        | CAPE TORMENTINE          | 24                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28007        | PETIT CAP                | 33                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28008        | LITTLE SHEMAOGUE         | 9                 |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28012        | PORT ELGIN               | 1                 |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28015        | BOTSFORD                 | 31                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14502        | NORTHPORT                | 5                 |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14505        | PUGWASH                  | 7                 |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE            | 39                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMNEGASH                | 53                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND           | 104               |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT               | 31                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                   | 4                 |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT              | 9                 |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY               | 15                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF            | 11                |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310        | SUMMERSIDE               | 1                 |
| 2005                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507        | VICTORIA                 | 4                 |
| 2005                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11001        | BARRACHOIS               | 12                |
| 2005                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11102        | CARIBOU/FERRY WHARF      | 66                |
| 2005                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11106        | PICTOU ISLAND EAST       | 5                 |
| 2005                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11111        | CAPE JOHN                | 14                |
| 2005                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11113        | ONEY RIVER               | 26                |
| 2005                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11115        | SKINNER'S COVE           | 14                |
| 2005                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11125        | PICTOU ISLAND WEST       | 10                |
| 2005                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11126        | PICTOU HARBOUR           | 2                 |
| 2005                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11201        | BIG ISLAND               | 5                 |
| 2005                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11202        | LISMORE                  | 34                |
| 2005                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11203        | LITTLE HARBOUR           | 11                |
| 2005                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11207        | PICTOU LANDING           | 18                |
| 2005                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11303        | ARISAIG                  | 27                |
| 2005                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11304        | BALLANTYNE'S COVE        | 25                |
| 2005                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11305        | BAYFIELD                 | 20                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description  | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|-------------------|
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11308        | HAVRE BOUCHER          | 15                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11311        | LIVINGSTONE'S COVE     | 8                 |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11316        | POMQUET                | 2                 |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11317        | SOUTHSIDE HARBOUR      | 5                 |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11318        | TRACADIE               | 6                 |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11320        | BARRIOS BEACH          | 10                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11321        | CRIBBENS POINT         | 26                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 14505        | PUGWASH                | 18                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 14604        | MALAGASH               | 8                 |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 14607        | WALLACE                | 23                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK        | 14                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38507        | VICTORIA               | 3                 |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38603        | CHARLOTTETOWN          | 2                 |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38608        | PINETTE                | 2                 |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND            | 13                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF        | 10                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38701        | BEACH POINT            | 94                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38706        | GEORGETOWN             | 21                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38707        | LAUNCHING              | 44                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE         | 16                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38710        | MONTAGUE               | 11                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38711        | MURRAY HARBOUR         | 2                 |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38714        | NEWPORT                | 2                 |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38716        | STURGEON               | 6                 |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND          | 59                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38735        | MACHON POINT           | 33                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 13                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 30                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 40                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 24                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10201        | CHETICAMP              | 29                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10208        | GRAND ETANG            | 34                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10209        | LA POINTE              | 11                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10212        | MARGAREE HARBOUR       | 32                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10214        | PLEASANT BAY           | 22                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10304        | CREIGNISH              | 1                 |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10306        | FINLAY POINT           | 21                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10308        | INVERNESS              | 29                |
| 2005                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10313        | LITTLE JUDIQUE HARBOUR | 17                |



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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2005                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10314        | LITTLE JUDIQUE PONDS  | 11                |
| 2005                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10319        | MABOU HARBOUR         | 13                |
| 2005                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10324        | MURPHY'S POND         | 40                |
| 2005                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10341        | BAXTER'S COVE         | 17                |
| 2005                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 11402        | AULD'S COVE           | 7                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26310        | JACQUET RIVER         | 5                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26313        | NEW MILLS             | 17                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26404        | BELLEDUNE             | 3                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26408        | POINTE-VERTE          | 23                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26410        | PETIT-ROCHER          | 25                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26501        | CARAQUET              | 19                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26502        | ANSE-BLEUE            | 18                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26505        | GRANDE-ANSE           | 10                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26508        | BAS CARAQUET          | 11                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26519        | STONEHAVEN            | 32                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26531        | MILLER BROOK WHARF    | 26                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26601        | LAMEQUE               | 2                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26608        | PETIT SHIPPAGAN       | 35                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26611        | MISCOU HARBOUR        | 62                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26616        | PIGEON HILL           | 67                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26620        | STE MARIE/ST.RAPHAEL  | 31                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26622        | SAVOY LANDING         | 17                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26701        | SHIPPAGAN             | 1                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26703        | INKERMAN              | 24                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26714        | LE GOULET             | 50                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26811        | TRACADIE              | 10                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26817        | VAL COMEAU            | 47                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27003        | BURNT CHURCH          | 23                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27005        | BAS NEGUAC            | 14                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27008        | NEGUAC                | 52                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27013        | MCEACHERN POINT       | 41                |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27302        | BAY DU VIN RIVER      | 1                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27305        | ESCUMINAC             | 113               |
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819        | NAUFRAGE              | 78                |
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820        | NORTH LAKE            | 94                |
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821        | RED HEAD              | 34                |
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR        | 14                |
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212        | SEACOW POND           | 32                |
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214        | TIGNISH RUN           | 125               |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description     | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|---------------------------|-------------------|
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230        | NORTHPORT                 | 79                |
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306        | DARNLEY                   | 6                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | MALPEQUE                  | 32                |
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39316        | PORT HILL                 | 1                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND             | 24                |
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF          | 37                |
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | FRENCH RIVER              | 31                |
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO             | 38                |
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE            | 5                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | NEW LONDON                | 6                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | COVEHEAD                  | 16                |
| 2006                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | TRACADIE                  | 20                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27504        | LOGGECROFT                | 55                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27505        | POINT SAPIN               | 95                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27507        | CAP ST. LOUIS             | 49                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27603        | CAP LUMIERE               | 30                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27610        | RICHIBUCTO                | 76                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27703        | CAISSIE'S CAPE            | 14                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27706        | COCAGNE CAPE              | 5                 |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27709        | ST. EDOUARD               | 16                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27712        | ST. THOMAS                | 14                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27713        | COCAGNE BAR               | 13                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27717        | COTE STE. ANNE/CHOCKPTISH | 26                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27807        | BAS CAP PELE              | 11                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27808        | POINTE DU CHENE           | 1                 |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27809        | ROBICHAUD                 | 10                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27821        | ABOITEAU                  | 25                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28003        | CAPE TORMENTINE           | 23                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28007        | PETIT CAP                 | 34                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28008        | LITTLE SHEMOGUE           | 8                 |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28015        | BOTSFORD                  | 33                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14502        | NORTHPORT                 | 8                 |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14505        | PUGWASH                   | 6                 |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE             | 40                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MININEGASH                | 47                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND            | 99                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT                | 30                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                    | 4                 |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT               | 8                 |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY            | 15                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF         | 10                |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310        | SUMMER SIDE           | 2                 |
| 2006                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507        | VICTORIA              | 3                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11001        | BARRACHOIS            | 9                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11102        | CARIBOU/FERRY WHARF   | 72                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11106        | PICTOU ISLAND EAST    | 6                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11111        | CAPE JOHN             | 14                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11113        | TONEY RIVER           | 28                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11115        | SKINNER'S COVE        | 13                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11125        | PICTOU ISLAND WEST    | 7                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11201        | BIG ISLAND            | 3                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11202        | LISMORE               | 34                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11203        | LITTLE HARBOUR        | 15                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11207        | PICTOU LANDING        | 15                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11303        | ARISAIG               | 25                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11304        | BALLANTYNE'S COVE     | 25                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11305        | BAYFIELD              | 19                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11308        | HAVRE BOUCHER         | 14                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11311        | LIVINGSTONE'S COVE    | 8                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11316        | POMQUET               | 2                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11317        | SOUTHSIDE HARBOUR     | 6                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11318        | TRACADIE              | 6                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11320        | BARRIOS BEACH         | 10                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11321        | CRIBBENS POINT        | 26                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14505        | PUGWASH               | 14                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14604        | MALAGASH              | 8                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14607        | WALLACE               | 19                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK       | 14                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507        | VICTORIA              | 4                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND           | 12                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF       | 12                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701        | BEACH POINT           | 92                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706        | GEORGETOWN            | 24                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707        | LAUNCHING             | 46                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE        | 16                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710        | MONTAGUE              | 10                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38711        | MURRAY HARBOUR        | 2                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714        | NEWPORT               | 2                 |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|-------------------|
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716        | STURGEON               | 6                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND          | 61                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735        | MACHON POINT           | 37                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 15                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 30                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 30                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 27                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10201        | CHETICAMP              | 34                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10208        | GRAND ETANG            | 32                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10209        | LA POINTE              | 9                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10212        | MARGAREE HARBOUR       | 32                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10214        | PLEASANT BAY           | 22                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10304        | CREIGNISH              | 1                 |
| 2006                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10306        | FINLAY POINT           | 16                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10308        | INVERNESS              | 24                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10313        | LITTLE JUDIQUE HARBOUR | 23                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10314        | LITTLE JUDIQUE PONDS   | 10                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10319        | MABOU HARBOUR          | 13                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10324        | MURPHY'S POND          | 32                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10341        | BAXTER'S COVE          | 15                |
| 2006                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 11402        | AULD'S COVE            | 10                |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26310        | JACQUET RIVER          | 4                 |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26313        | NEW MILLS              | 20                |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26404        | BELLEDUNE              | 3                 |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26408        | POINTE-VERTE           | 24                |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26410        | PETTIT-ROCHER          | 23                |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26501        | CARAQUET               | 18                |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26502        | ANSE-BLEUE             | 19                |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26505        | GRANDE-ANSE            | 10                |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26508        | BAS CARAQUET           | 12                |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26519        | STONEHAVEN             | 33                |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26531        | MILLER BROOK WHARF     | 26                |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26601        | LAMEQUE                | 1                 |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26608        | PETTIT SHIPPAGAN       | 36                |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26611        | MISCOU HARBOUR         | 57                |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26616        | PIGEON HILL            | 68                |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26620        | STE MARIE/ST-RAPHAEL   | 32                |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26622        | SAVOY LANDING          | 17                |
| 2007                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26701        | SHIPPAGAN              | 2                 |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------------------------|-----------------------|-------------------|
| 2007                    | 700 LOBSTER  |                     | Spring |              | NB                           | 26703 INKERMANS                |                       | 23                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | NB                           | 26714 LE GOULET                |                       | 50                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | NB                           | 26811 TRACADIE                 |                       | 10                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | NB                           | 26817 VAL COMEAU               |                       | 46                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | NB                           | 27003 BURNT CHURCH             |                       | 15                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | NB                           | 27005 BAS NEGUAC               |                       | 12                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | NB                           | 27008 NEGUAC                   |                       | 51                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | NB                           | 27013 MCEACHERN POINT          |                       | 41                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | NB                           | 27302 BAY DU VIN RIVER         |                       | 1                 |
| 2007                    | 700 LOBSTER  |                     | Spring |              | NB                           | 27305 ESCUMINAC                |                       | 110               |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 38819 NAUFRAGE                 |                       | 77                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 38820 NORTH LAKE               |                       | 94                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 38821 RED HEAD                 |                       | 35                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 38824 SAVAGE HARBOUR           |                       | 22                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 39212 SEACOW POND              |                       | 33                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 39214 TIGNISH RUN              |                       | 122               |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 39230 NORTHPORT                |                       | 80                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 39306 DARNLEY                  |                       | 5                 |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 39312 MALPEQUE                 |                       | 31                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 39316 PORT HILL                |                       | 2                 |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 39328 LENNOX ISLAND            |                       | 24                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 39340 MILLIGAN'S WHARF         |                       | 36                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 39503 FRENCH RIVER             |                       | 28                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 39504 NORTH RUSTICO            |                       | 38                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 39507 STANLEY BRIDGE           |                       | 6                 |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 39510 NEW LONDON               |                       | 9                 |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 39602 COVEHEAD                 |                       | 16                |
| 2007                    | 700 LOBSTER  |                     | Spring |              | PEI                          | 39606 TRACADIE                 |                       | 24                |
| 2007                    | 700 LOBSTER  |                     | Fall   |              | NB                           | 27504 LOGGECROFT               |                       | 53                |
| 2007                    | 700 LOBSTER  |                     | Fall   |              | NB                           | 27505 POINT SAPIN              |                       | 99                |
| 2007                    | 700 LOBSTER  |                     | Fall   |              | NB                           | 27507 CAP ST. LOUIS            |                       | 49                |
| 2007                    | 700 LOBSTER  |                     | Fall   |              | NB                           | 27603 CAP LUMIERE              |                       | 29                |
| 2007                    | 700 LOBSTER  |                     | Fall   |              | NB                           | 27610 RICHIBUCTO               |                       | 80                |
| 2007                    | 700 LOBSTER  |                     | Fall   |              | NB                           | 27703 CAISSIE'S CAPE           |                       | 16                |
| 2007                    | 700 LOBSTER  |                     | Fall   |              | NB                           | 27706 COCAGNE CAPE             |                       | 2                 |
| 2007                    | 700 LOBSTER  |                     | Fall   |              | NB                           | 27709 ST. EDOUARD              |                       | 14                |
| 2007                    | 700 LOBSTER  |                     | Fall   |              | NB                           | 27712 ST. THOMAS               |                       | 11                |
| 2007                    | 700 LOBSTER  |                     | Fall   |              | NB                           | 27713 COCAGNE BAR              |                       | 14                |
| 2007                    | 700 LOBSTER  |                     | Fall   |              | NB                           | 27717 COTE STE. ANNE/CHOCKPISH |                       | 26                |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|---------------------------|-----------------------|-------------------|
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27807 BAS CAP PELE        |                       | 13                |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27808 POINTE DU CHENE     |                       | 1                 |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27809 ROBICHAUD           |                       | 9                 |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27821 ABOITEAU            |                       | 24                |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28003 CAPE TORMENTINE     |                       | 21                |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28007 PETIT CAP           |                       | 33                |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28008 LITTLE SHEMOGUE     |                       | 10                |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28015 BOTSFORD            |                       | 29                |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14502 NORTHPORT           |                       | 7                 |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14505 PUGWASH             |                       | 6                 |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207 HOWARD'S COVE       |                       | 40                |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208 MIMINEGASH          |                       | 49                |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215 SKINNER'S POND      |                       | 105               |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218 WEST POINT          |                       | 32                |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302 BORDEN              |                       | 3                 |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303 CAPE EGMONT         |                       | 9                 |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305 EGMONT BAY          |                       | 15                |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306 HIGGINS WHARF       |                       | 12                |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310 SUMMERSIDE          |                       | 3                 |
| 2007                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507 VICTORIA            |                       | 2                 |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11001 BARRACHOIS          |                       | 8                 |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11102 CARIBOU/FERRY WHARF |                       | 67                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11106 PICTOU ISLAND EAST  |                       | 6                 |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11111 CAPE JOHN           |                       | 15                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11113 TONEY RIVER         |                       | 28                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11115 SKINNER'S COVE      |                       | 13                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11125 PICTOU ISLAND WEST  |                       | 8                 |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11201 BIG ISLAND          |                       | 3                 |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11202 LISMORE             |                       | 32                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11203 LITTLE HARBOUR      |                       | 17                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11207 PICTOU LANDING      |                       | 14                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11303 ARISAIG             |                       | 24                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11304 BALLANTYNE'S COVE   |                       | 25                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11305 BAYFIELD            |                       | 17                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11308 HAVRE BOUCHER       |                       | 12                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11311 LIVINGSTONE'S COVE  |                       | 9                 |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11316 POMQUET             |                       | 2                 |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11317 SOUTHSIDE HARBOUR   |                       | 5                 |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11318 TRACADIE            |                       | 6                 |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description  | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|-------------------|
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11320        | BARRIOS BEACH          | 10                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11321        | CRIBBENS POINT         | 26                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14505        | PUGWASH                | 14                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14604        | MALAGASH               | 8                 |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14607        | WALLACE                | 21                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK        | 12                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507        | VICTORIA               | 4                 |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND            | 12                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF        | 12                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701        | BEACH POINT            | 92                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706        | GEORGETOWN             | 23                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707        | LAUNCHING              | 44                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE         | 23                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710        | MONTAGUE               | 6                 |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714        | NEWPORT                | 2                 |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716        | STURGEON               | 6                 |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND          | 65                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735        | MACHON POINT           | 49                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 14                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 32                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 42                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 23                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10201        | CHETICAMP              | 32                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10208        | GRAND ETANG            | 31                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10209        | LA POINTE              | 8                 |
| 2007                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10212        | MARGAREE HARBOUR       | 35                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10214        | PLEASANT BAY           | 22                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10306        | FINLAY POINT           | 16                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10308        | INVERNESS              | 29                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10313        | LITTLE JUDIQUE HARBOUR | 17                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10314        | LITTLE JUDIQUE PONDS   | 13                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10319        | MABOU HARBOUR          | 14                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10324        | MURPHY'S POND          | 36                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10341        | BAXTER'S COVE          | 15                |
| 2007                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 11402        | AULD'S COVE            | 10                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26310        | JACQUET RIVER          | 4                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26313        | NEW MILLS              | 18                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26404        | BELLEDUNE              | 3                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26408        | POINTE-VERTE           | 22                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26410        | PETIT-ROCHER          | 24                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26501        | CARAQUET              | 21                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26502        | ANSE-BLEUE            | 19                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26505        | GRANDE-ANSE           | 11                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26508        | BAS CARAQUET          | 11                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26519        | STONEHAVEN            | 32                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26531        | MILLER BROOK WHARF    | 25                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26601        | LAMEQUE               | 3                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26608        | PETIT SHIPPAGAN       | 36                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26611        | MISCOU HARBOUR        | 59                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26616        | PIGEON HILL           | 67                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26620        | STE MARIE/ST.RAPHAEL  | 31                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26622        | SAVOY LANDING         | 17                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26701        | SHIPPAGAN             | 1                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26703        | INKERMAN              | 22                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26714        | LE GOULET             | 50                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26811        | TRACADIE              | 9                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26817        | VAL COMEAU            | 48                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27003        | BURNT CHURCH          | 26                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27005        | BAS NEGUAC            | 11                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27008        | NEGUAC                | 45                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27013        | MCEACHERN POINT       | 43                |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27302        | BAY DU VIN RIVER      | 1                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27305        | ESCUMINAC             | 110               |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819        | NAUFRAGE              | 78                |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820        | NORTH LAKE            | 92                |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821        | RED HEAD              | 34                |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR        | 21                |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212        | SEACOW POND           | 39                |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39213        | TIGNISH               | 1                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214        | TIGNISH RUN           | 123               |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39219        | JUDE'S POINT          | 1                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230        | NORTHPORT             | 79                |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306        | DARNLEY               | 5                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | MALPEQUE              | 31                |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39316        | PORT HILL             | 1                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND         | 35                |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF      | 36                |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | FRENCH RIVER          | 30                |



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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|-------------------|
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO            | 41                |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE           | 5                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | NEW LONDON               | 9                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | COVEHEAD                 | 15                |
| 2008                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | TRACADIE                 | 18                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27504        | LOGGECROFT               | 53                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27505        | POINT SAPIN              | 100               |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27507        | CAP ST. LOUIS            | 47                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27603        | CAP LUMIERE              | 30                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27610        | RICHIBUCTO               | 87                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27703        | CAISSIE'S CAPE           | 17                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27706        | COCAGNE CAPE             | 2                 |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27709        | ST. EDOUARD              | 13                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27712        | ST. THOMAS               | 11                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27713        | COCAGNE BAR              | 13                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27717        | COTE STE. ANNE/CHOCKPISH | 24                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27807        | BAS CAP PELE             | 15                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27808        | POINTE DU CHENE          | 1                 |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27809        | ROBICHAUD                | 9                 |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27821        | ABOITEAU                 | 26                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28003        | CAPE TORMENTINE          | 20                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28007        | PETIT CAP                | 36                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28015        | BOTSFORD                 | 36                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14502        | NORTHPORT                | 6                 |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14505        | PUGWASH                  | 8                 |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE            | 39                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MINNEGASH                | 47                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND           | 102               |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT               | 33                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                   | 5                 |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT              | 10                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY               | 15                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF            | 10                |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310        | SUMMERSIDE               | 4                 |
| 2008                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507        | VICTORIA                 | 3                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11001        | BARRACHOIS               | 8                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11102        | CARIBOU/FERRY WHARF      | 56                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11106        | PICTOU ISLAND EAST       | 4                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11111        | CAPE JOHN                | 15                |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11113        | TONEY RIVER           | 28                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11115        | SKINNER'S COVE        | 13                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11116        | LOGAN'S POINT         | 34                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11125        | PICTOU ISLAND WEST    | 6                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11126        | PICTOU HARBOUR        | 3                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11201        | BIG ISLAND            | 4                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11202        | LISMORE               | 31                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11203        | LITTLE HARBOUR        | 17                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11207        | PICTOU LANDING        | 14                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11303        | ARISAIG               | 24                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11304        | BALLANTYNE'S COVE     | 24                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11305        | BAYFIELD              | 19                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11308        | HAVRE BOUCHER         | 15                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11311        | LIVINGSTONE'S COVE    | 8                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11316        | POMQUET               | 2                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11317        | SOUTHSIDE HARBOUR     | 5                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11318        | TRACADIE              | 6                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11320        | BARRIOS BEACH         | 10                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11321        | CRIBBENS POINT        | 26                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14505        | PUGWASH               | 14                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14604        | MALAGASH              | 9                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14607        | WALLACE               | 20                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 38505        | NINE MILE CREEK       | 11                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507        | VICTORIA              | 3                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND           | 14                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF       | 10                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701        | BEACH POINT           | 89                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706        | GEORGETOWN            | 22                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707        | LAUNCHING             | 42                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE        | 20                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710        | MONTAGUE              | 7                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714        | NEWPORT               | 2                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716        | STURGEON              | 7                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND         | 64                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735        | MACHON POINT          | 49                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738        | MINK RIVER            | 14                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801        | SOURIS                | 30                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802        | ANNANDALE             | 41                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813        | FORTUNE               | 25                |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|-------------------|
| 2008                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10201        | CHETICAMP              | 32                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10208        | GRAND ETANG            | 29                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10209        | LA POINTE              | 6                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10212        | MARGAREE HARBOUR       | 30                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10214        | PLEASANT BAY           | 23                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10306        | FINLAY POINT           | 16                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10308        | INVERNESS              | 24                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10313        | LITTLE JUDIQUE HARBOUR | 16                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10314        | LITTLE JUDIQUE PONDS   | 11                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10319        | MABOU HARBOUR          | 12                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10323        | MARYVILLE              | 9                 |
| 2008                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10324        | MURPHY'S POND          | 33                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10341        | BAXTER'S COVE          | 14                |
| 2008                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 11402        | AULD'S COVE            | 11                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26310        | JACQUET RIVER          | 5                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26313        | NEW MILLS              | 18                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26404        | BELLEDUNE              | 3                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26408        | POINTE-VERTE           | 23                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26410        | PETIT-ROCHER           | 23                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26501        | CARAQUET               | 19                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26502        | ANSE-BLEUE             | 20                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26505        | GRANDE-ANSE            | 10                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26508        | BAS CARAQUET           | 11                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26519        | STONEHAVEN             | 32                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26531        | MILLER BROOK WHARF     | 22                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26601        | LAMEQUE                | 3                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26608        | PETIT SHIPPAGAN        | 36                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26611        | MISCOU HARBOUR         | 57                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26616        | PIGEON HILL            | 65                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26620        | STE MARIE/ST.RAPHAEL   | 31                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26622        | SAVOY LANDING          | 13                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26701        | SHIPPAGAN              | 1                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26703        | INKERMAN               | 25                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26714        | LE GOULET              | 52                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26811        | TRACADIE               | 9                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26817        | VAL COMEAU             | 48                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27003        | BURNT CHURCH           | 24                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27005        | BAS NEGUAC             | 10                |
| 2009                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27008        | NEGUAC                 | 39                |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|-------------------|
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 27013        | MCEACHERN POINT          | 42                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 27302        | BAY DU VIN RIVER         | 1                 |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 27305        | ESCUMINAC                | 107               |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 23           | NB                           | 27311        | EEL RIVER BRIDGE         | 2                 |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 38819        | NAUFRAGE                 | 75                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 38820        | NORTH LAKE               | 93                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 38821        | RED HEAD                 | 38                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR           | 22                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39203        | CASCUMPEC                | 1                 |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39212        | SEACOW POND              | 33                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39213        | TIGNISH                  | 1                 |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39214        | TIGNISH RUIN             | 122               |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39219        | JUDE'S POINT             | 1                 |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39230        | NORTHPORT                | 80                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39302        | BIDEFORD                 | 1                 |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39306        | DARNLEY                  | 4                 |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39309        | GRAND RIVER              | 1                 |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39312        | MALPEQUE                 | 30                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39316        | PORT HILL                | 1                 |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39321        | HARDY'S CHANNEL          | 1                 |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND            | 48                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF         | 37                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39503        | FRENCH RIVER             | 33                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO            | 48                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE           | 4                 |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39510        | NEW LONDON               | 8                 |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39602        | COVEHEAD                 | 17                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 24           | PEI                          | 39606        | TRACADIE                 | 21                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27504        | LOGGECROFT               | 54                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27505        | POINT SAPIN              | 95                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27507        | CAP ST. LOUIS            | 44                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27603        | CAP LUMIERE              | 30                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27610        | RICHIBUCTO               | 72                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27703        | CAISSIE'S CAPE           | 16                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27706        | COCAGNE CAPE             | 2                 |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27709        | ST. EDOUARD              | 13                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27712        | ST. THOMAS               | 12                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27713        | COCAGNE BAR              | 15                |
| 2009                    | 700 LOBSTER  | 700 LOBSTER         | Fall   | 25           | NB                           | 27717        | COTE STE. ANNE/CHOCKPISH | 23                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27807        | BAS CAP PELE          | 14                |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27808        | POINTE DU CHENE       | 4                 |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27809        | ROBICHAUD             | 9                 |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27821        | ABOITEAU              | 27                |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28003        | CAPE TORMENTINE       | 17                |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28007        | PETTIT CAP            | 34                |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28015        | BOTSFORD              | 33                |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14502        | NORTHPORT             | 4                 |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14505        | PUGWASH               | 4                 |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE         | 31                |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMINEGASH            | 45                |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND        | 89                |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT            | 32                |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38301        | ABRAMS VILLAGE        | 1                 |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                | 6                 |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT           | 8                 |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY            | 13                |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF         | 10                |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310        | SUMMERSIDE            | 3                 |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38311        | FISHING COVE          | 1                 |
| 2009                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507        | VICTORIA              | 1                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11001        | BARRACHOIS            | 7                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11102        | CARIBOU/FERRY WHARF   | 44                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11106        | PICTOU ISLAND EAST    | 7                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11111        | CAPE JOHN             | 13                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11113        | TONNEY RIVER          | 26                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11115        | SKINNER'S COVE        | 13                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11116        | LOGAN'S POINT         | 39                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11125        | PICTOU ISLAND WEST    | 3                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11201        | BIG ISLAND            | 4                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11202        | LISMORE               | 32                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11203        | LITTLE HARBOUR        | 18                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11207        | PICTOU LANDING        | 17                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11303        | ARISAIG               | 24                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11304        | BALLANTYNE'S COVE     | 25                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11305        | BAYFIELD              | 19                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11308        | HAVRE BOUCHER         | 15                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11311        | LIVINGSTONE'S COVE    | 8                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11316        | POMQUET               | 2                 |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description  | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|-------------------|
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11317        | SOUTHSIDE HARBOUR      | 5                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11318        | TRACADIE               | 6                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11320        | BARRIOS BEACH          | 10                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11321        | CRIBBENS POINT         | 26                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14505        | PUGWASH                | 13                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14604        | MALAGASH               | 9                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14607        | WALLACE                | 20                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK        | 12                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507        | VICTORIA               | 4                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38608        | PINETTE                | 1                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND            | 11                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF        | 10                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701        | BEACH POINT            | 88                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706        | GEORGETOWN             | 25                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707        | LAUNCHING              | 44                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE         | 21                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710        | MONTAGUE               | 15                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38711        | MURRAY HARBOUR         | 1                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38713        | MURRAY RIVER           | 1                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714        | NEWPORT                | 3                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716        | STURGEON               | 9                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND          | 63                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735        | MACHON POINT           | 62                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 15                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 32                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 45                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 24                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10201        | CHETICAMP              | 32                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10208        | GRAND ETANG            | 29                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10209        | LA POINTE              | 4                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10212        | MARGAREE HARBOUR       | 28                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10214        | PLEASANT BAY           | 23                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10306        | FINLAY POINT           | 15                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10308        | INVERNESS              | 23                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10313        | LITTLE JUDIQUE HARBOUR | 16                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10314        | LITTLE JUDIQUE PONDS   | 3                 |
| 2009                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10319        | MABOU HARBOUR          | 12                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10323        | MARYVILLE              | 11                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10324        | MURPHY'S POND          | 32                |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2009                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10341        | BAXTER'S COVE         | 14                |
| 2009                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 11402        | AULD'S COVE           | 11                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26310        | JACQUET RIVER         | 4                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26313        | NEW MILLS             | 17                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26404        | BELLEDUNE             | 1                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26408        | POINTE-VERTE          | 23                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26410        | PETIT-ROCHER          | 26                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26501        | CARAQUET              | 20                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26502        | ANSE-BLEUE            | 18                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26505        | GRANDE-ANSE           | 11                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26508        | BAS CARAQUET          | 12                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26519        | STONEHAVEN            | 32                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26531        | MILLER BROOK WHARF    | 22                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26601        | LAMEQUE               | 1                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26608        | PETIT SHIPPAGAN       | 39                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26611        | MISCOU HARBOUR        | 61                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26616        | PIGEON HILL           | 62                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26620        | STE MARIE/ST.RAPHAEL  | 28                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26622        | SAVOY LANDING         | 14                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26701        | SHIPPAGAN             | 1                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26703        | INKERMAN              | 22                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26714        | LE GOULET             | 58                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26811        | TRACADIE              | 9                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26817        | VAL COMEAU            | 49                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27003        | BURNT CHURCH          | 23                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27005        | BAS NEGUAC            | 10                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27008        | NEGUAC                | 44                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27013        | MCEACHERN POINT       | 45                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27302        | BAY DU VIN RIVER      | 1                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27305        | ESCUMINAC             | 93                |
| 2010                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27311        | EEL RIVER BRIDGE      | 19                |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819        | NAUFRAGE              | 75                |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820        | NORTH LAKE            | 93                |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821        | RED HEAD              | 39                |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR        | 23                |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212        | SEACOW POND           | 36                |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39213        | TIGNISH               | 1                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214        | TIGNISH RUN           | 121               |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39219        | JUDE'S POINT          | 1                 |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|-------------------|
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230        | NORTHPORT                | 78                |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306        | DARNLEY                  | 1                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39307        | ELLERSLIE                | 26                |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39309        | GRAND RIVER              | 1                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | MALPEQUE                 | 35                |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND            | 17                |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF         | 45                |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39341        | CONWAY NARROWS           | 1                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | FRENCH RIVER             | 31                |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO            | 31                |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE           | 4                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | NEW LONDON               | 8                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | COVEHEAD                 | 18                |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | TRACADIE                 | 21                |
| 2010                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 27504        | LOGGECROFT               | 56                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27505        | POINT SAPIN              | 96                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27507        | CAP ST. LOUIS            | 45                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27603        | CAP LUMIERE              | 32                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27610        | RICHIBUCTO               | 73                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27703        | CAISSIE'S CAPE           | 14                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27706        | COCAGNE CAPE             | 5                 |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27709        | ST. EDOUARD              | 15                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27712        | ST. THOMAS               | 11                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27713        | COCAGNE BAR              | 16                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27717        | COTE STE. ANNE/CHOCKPISH | 26                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27807        | BAS CAP PELE             | 15                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27808        | POINTE DU CHENE          | 4                 |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27809        | ROBICHAUD                | 10                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27821        | ABOITEAU                 | 25                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28003        | CAPE TORMENTINE          | 18                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28007        | PETIT CAP                | 31                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28015        | BOTSFORD                 | 31                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14502        | NORTHPORT                | 4                 |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14505        | PUGWASH                  | 8                 |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE            | 31                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMINEGASH               | 43                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND           | 83                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT               | 27                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                   | 5                 |



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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|---------------------------|-----------------------|-------------------|
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303 CAPE EGDMONT        |                       | 8                 |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305 EGMONT BAY          |                       | 11                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306 HIGGINS WHARF       |                       | 12                |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310 SUMMERSIDE          |                       | 2                 |
| 2010                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507 VICTORIA            |                       | 2                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11001 BARRACHOIS          |                       | 7                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11102 CARIBOU/FERRY WHARF |                       | 49                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11106 PICTOU ISLAND EAST  |                       | 8                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11111 CAPE JOHN           |                       | 14                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11113 TONEY RIVER         |                       | 26                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11115 SKINNER'S COVE      |                       | 14                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11116 LOGAN'S POINT       |                       | 39                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11201 BIG ISLAND          |                       | 5                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11202 LISMORE             |                       | 37                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11203 LITTLE HARBOUR      |                       | 16                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11207 PICTOU LANDING      |                       | 19                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11303 ARISAIG             |                       | 24                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11304 BALLANTYNE'S COVE   |                       | 29                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11305 BAYFIELD            |                       | 20                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11308 HAVRE BOUCHER       |                       | 11                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11311 LIVINGSTONE'S COVE  |                       | 8                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11316 POMQUET             |                       | 2                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11317 SOUTHSIDE HARBOUR   |                       | 5                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11318 TRACADIE            |                       | 7                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11320 BARRIOS BEACH       |                       | 10                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11321 CRIBBENS POINT      |                       | 27                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14505 PUGWASH             |                       | 12                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14604 MALAGASH            |                       | 7                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14607 WALLACE             |                       | 18                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505 NINE MILE CREEK     |                       | 11                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507 VICTORIA            |                       | 4                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38608 PINETTE             |                       | 1                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614 WOOD ISLAND         |                       | 11                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615 MACAULAYS WHARF     |                       | 10                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701 BEACH POINT         |                       | 85                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706 GEORGETOWN          |                       | 22                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707 LAUNCHING           |                       | 45                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709 LOWER MONTAGUE      |                       | 9                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710 MONTAGUE            |                       | 21                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description  | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|-------------------|
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38711        | MURRAY HARBOUR         | 1                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38713        | MURRAY RIVER           | 1                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714        | NEWPORT                | 3                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716        | STURGEON               | 8                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND          | 58                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735        | MACHON POINT           | 42                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 10                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 37                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 41                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 22                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10201        | CHETICAMP              | 35                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10208        | GRAND ETANG            | 27                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10209        | LA POINTE              | 2                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10212        | MARGAREE HARBOUR       | 27                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10214        | PLEASANT BAY           | 23                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10306        | FINLAY POINT           | 17                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10308        | INVERNESS              | 24                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10313        | LITTLE JUDIQUE HARBOUR | 14                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10314        | LITTLE JUDIQUE PONDS   | 2                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10319        | MABOU HARBOUR          | 11                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10323        | MARYVILLE              | 11                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10324        | MURPHY'S POND          | 29                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10330        | PORT HOOD              | 3                 |
| 2010                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10341        | BAXTER'S COVE          | 14                |
| 2010                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 11402        | AULD'S COVE            | 15                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26310        | JACQUET RIVER          | 3                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26313        | NEW MILLS              | 16                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26404        | BELLEJUNE              | 1                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26408        | POINTE-VERTE           | 20                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26410        | PETIT-ROCHER           | 25                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26501        | CARAQUET               | 21                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26502        | ANSE-BLEUE             | 19                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26505        | GRANDE-ANSE            | 10                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26508        | BAS CARAQUET           | 10                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26519        | STONEHAVEN             | 32                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26531        | MILLER BROOK WHARF     | 22                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26601        | LAMEQUE                | 2                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26608        | PETIT SHIPPAGAN        | 40                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26611        | MISCOU HARBOUR         | 60                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26616        | PIGEON HILL           | 68                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26620        | STE MARIE/ST-RAPHAEL  | 28                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26622        | SAVOY LANDING         | 15                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26703        | INKERMAN              | 20                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26714        | LE GOULET             | 55                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26811        | TRACADIE              | 10                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26817        | VAL COMEAU            | 47                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27003        | BURNT CHURCH          | 17                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27005        | BAS NEGUAC            | 7                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27008        | NEGUAC                | 47                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27013        | MCEACHERN POINT       | 48                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27302        | BAY DU VIN RIVER      | 1                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27305        | ESCUMINAC             | 90                |
| 2011                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27311        | EEL RIVER BRIDGE      | 22                |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819        | NAUFRAGE              | 73                |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820        | NORTH LAKE            | 97                |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821        | RED HEAD              | 38                |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR        | 23                |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212        | SEACOW POND           | 33                |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39213        | TIGNISH               | 1                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214        | TIGNISH RUN           | 121               |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39219        | JUDE'S POINT          | 1                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230        | NORTHPORT             | 81                |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306        | DARNLEY               | 2                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39307        | ELLERSLIE             | 22                |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39309        | GRAND RIVER           | 1                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | MALPEQUE              | 34                |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND         | 4                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF      | 47                |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39341        | CONWAY NARROWS        | 1                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | FRENCH RIVER          | 30                |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO         | 35                |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE        | 5                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | NEW LONDON            | 7                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | COVEHEAD              | 15                |
| 2011                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | TRACADIE              | 19                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27504        | LOGGECROFT            | 38                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27505        | POINT SAPIN           | 88                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27507        | CAP ST. LOUIS         | 42                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description    | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|-------------------|
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27603        | CAP LUMIERE              | 30                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27610        | RICHIBUCTO               | 80                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27703        | CAISSIE'S CAPE           | 15                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27706        | COCAGNE CAPE             | 1                 |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27709        | ST. EDOUARD              | 13                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27712        | ST. THOMAS               | 9                 |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27713        | COCAGNE BAR              | 14                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27717        | COTE STE. ANNE/CHOCKPISH | 33                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27807        | BAS CAP PELE             | 6                 |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27808        | POINTE DU CHENE          | 1                 |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27809        | ROBICHAUD                | 8                 |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27821        | ABOITEAU                 | 24                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28003        | CAPE TORMENTINE          | 15                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28007        | PETIT CAP                | 26                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28015        | BOTSFORD                 | 27                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14502        | NORTHPORT                | 3                 |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14505        | PUGWASH                  | 5                 |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE            | 40                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMINEGASH               | 42                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND           | 85                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT               | 30                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                   | 4                 |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT              | 7                 |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY               | 12                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF            | 11                |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310        | SUMMERSIDE               | 1                 |
| 2011                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507        | VICTORIA                 | 2                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11001        | BARRACHOIS               | 8                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11102        | CARIBOU/FERRY WHARF      | 42                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11106        | PICTOU ISLAND EAST       | 11                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11111        | CAPE JOHN                | 11                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11113        | TONEY RIVER              | 24                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11115        | SKINNER'S COVE           | 10                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11116        | LOGAN'S POINT            | 36                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11125        | PICTOU ISLAND WEST       | 2                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11201        | BIG ISLAND               | 2                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11202        | LISMORE                  | 31                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11203        | LITTLE HARBOUR           | 17                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11207        | PICTOU LANDING           | 17                |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11303        | ARISAIG               | 24                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11304        | BALLANTYNE'S COVE     | 25                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11305        | BAYFIELD              | 21                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11308        | HAVRE BOUCHER         | 13                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11311        | LIVINGSTONE'S COVE    | 9                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11316        | POMQUET               | 2                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11317        | SOUTHSIDE HARBOUR     | 5                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11318        | TRACADIE              | 6                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11320        | BARRIOS BEACH         | 10                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11321        | CRIBBENS POINT        | 28                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14505        | PUGWASH               | 12                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14604        | MALAGASH              | 6                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14607        | WALLACE               | 21                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK       | 11                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507        | VICTORIA              | 4                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38608        | PINETTE               | 1                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND           | 11                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF       | 9                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701        | BEACH POINT           | 72                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706        | GEORGETOWN            | 22                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707        | LAUNCHING             | 44                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE        | 9                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710        | MONTAGUE              | 19                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38711        | MURRAY HARBOUR        | 1                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38713        | MURRAY RIVER          | 1                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714        | NEWPORT               | 3                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716        | STURGEON              | 8                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND         | 52                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735        | MACHON POINT          | 40                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738        | MINK RIVER            | 9                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801        | SOURIS                | 34                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802        | ANNANDALE             | 31                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813        | FORTUNE               | 24                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 10201        | CHETICAMP             | 30                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10208        | GRAND ETANG           | 27                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10212        | MARGAREE HARBOUR      | 25                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10214        | PLEASANT BAY          | 21                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10306        | FINLAY POINT          | 22                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10308        | INVERNESS             | 23                |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|-------------------|
| 2011                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10313        | LITTLE JUDIQUE HARBOUR | 16                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10314        | LITTLE JUDIQUE PONDS   | 10                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10319        | MABOU HARBOUR          | 11                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10324        | MURPHY'S POND          | 30                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10330        | PORT HOOD              | 2                 |
| 2011                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10341        | BAXTER'S COVE          | 13                |
| 2011                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 11402        | AULD'S COVE            | 14                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26310        | JACQUET RIVER          | 1                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26313        | NEW MILLS              | 14                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26404        | BELLEDUNE              | 1                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26408        | POINTE-VERTE           | 20                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26410        | PETTIT-ROCHER          | 20                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26501        | CARAQUET               | 17                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26502        | ANSE-BLEUE             | 15                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26505        | GRANDE-ANSE            | 12                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26508        | BAS CARAQUET           | 15                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26519        | STONEHAVEN             | 31                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26531        | MILLER BROOK WHARF     | 21                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26601        | LAMEQUE                | 2                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26608        | PETTIT SHIPPAGAN       | 27                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26611        | MISCOU HARBOUR         | 62                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26616        | PIGEON HILL            | 59                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26620        | STE MARIE/ST.RAPHAEL   | 24                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26622        | SAVOY LANDING          | 9                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26701        | SHIPPAGAN              | 2                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26703        | INKERMAN               | 21                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26714        | LE GOULET              | 54                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26811        | TRACADIE               | 7                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26817        | VAL COMEAU             | 42                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27003        | BURNT CHURCH           | 30                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27005        | BAS NEGUAC             | 15                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27008        | NEGUAC                 | 42                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27013        | MCEACHERN POINT        | 41                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27302        | BAY DU VIN RIVER       | 1                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27305        | ESCUMINAC              | 77                |
| 2012                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27311        | EEL RIVER BRIDGE       | 19                |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819        | NAUFRAGE               | 73                |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820        | NORTH LAKE             | 92                |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821        | RED HEAD               | 35                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description    | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|-------------------|
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824        | Savage Harbour           | 24                |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212        | Seacow Pond              | 40                |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39213        | Tignish                  | 1                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214        | Tignish Run              | 120               |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39219        | Jude's Point             | 1                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230        | Northport                | 80                |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306        | Darnley                  | 3                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39307        | Ellerslie                | 1                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39309        | Grand River              | 1                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | Malpeque                 | 35                |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | Lennox Island            | 38                |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | Milligan's Wharf         | 30                |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39341        | Conway Narrows           | 1                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | French River             | 31                |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | North Rustico            | 37                |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | Stanley Bridge           | 5                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | New London               | 9                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | Covehead                 | 15                |
| 2012                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | Tracadie                 | 25                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27504        | Loggiecroft              | 47                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27505        | Point Sapin              | 83                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27507        | Cap St. Louis            | 38                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27603        | Cap Lumière              | 29                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27610        | Richibucto               | 83                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27703        | Cassie's Cape            | 15                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27706        | Cocagne Cape             | 1                 |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27709        | St. Edouard              | 12                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27712        | St. Thomas               | 10                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27713        | Cocagne Bar              | 14                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27717        | Cote Ste. Anne/Chockpish | 26                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27807        | Bas Cap Pele             | 7                 |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27808        | Pointe du Chene          | 1                 |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27809        | Robichaud                | 7                 |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27821        | Aboteau                  | 22                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28003        | Cape Tormentine          | 14                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28007        | Petit Cap                | 24                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28015        | Botsford                 | 25                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14502        | Northport                | 4                 |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14505        | Pugwash                  | 7                 |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE         | 40                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MININEGASH            | 43                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND        | 91                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT            | 33                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                | 4                 |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT           | 8                 |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY            | 11                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF         | 11                |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310        | SUMMER SIDE           | 1                 |
| 2012                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507        | VICTORIA              | 2                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11001        | BARRACHOIS            | 10                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11102        | CARIBOU/FERRY WHARF   | 49                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11106        | PICTOU ISLAND EAST    | 3                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11111        | CAPE JOHN             | 12                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11113        | TONEY RIVER           | 25                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11115        | SKINNER'S COVE        | 10                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11116        | LOGAN'S POINT         | 34                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11125        | PICTOU ISLAND WEST    | 5                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11201        | BIG ISLAND            | 2                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11202        | LISMORE               | 32                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11203        | LITTLE HARBOUR        | 14                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11207        | PICTOU LANDING        | 17                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11303        | ARISAIG               | 24                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11304        | BALLANTYNE'S COVE     | 27                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11305        | BAYFIELD              | 21                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11308        | HAVRE BOUCHER         | 13                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11311        | LIVINGSTONE'S COVE    | 9                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11316        | POMQUET               | 2                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11317        | SOUTHSIDE HARBOUR     | 5                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11318        | TRACADIE              | 6                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11320        | BARRIOS BEACH         | 10                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11321        | CRIBBENS POINT        | 27                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14505        | PUGWASH               | 12                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14604        | MALAGASH              | 6                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14607        | WALLACE               | 15                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK       | 9                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507        | VICTORIA              | 2                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38608        | PINETTE               | 3                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND           | 12                |



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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|-------------------|
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF        | 6                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701        | BEACH POINT            | 73                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38703        | CARDIGAN BAY           | 1                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706        | GEORGETOWN             | 20                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707        | LAUNCHING              | 45                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE         | 11                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710        | MONTAGUE               | 16                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38711        | MURRAY HARBOUR         | 1                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38713        | MURRAY RIVER           | 1                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714        | NEWPORT                | 3                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716        | STURGEON               | 8                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND          | 52                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735        | MACHON POINT           | 36                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 14                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 31                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 42                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 23                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10201        | CHETICAMP              | 31                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10208        | GRAND ETANG            | 26                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10212        | MARGAREE HARBOUR       | 25                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10214        | PLEASANT BAY           | 19                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10306        | FINLAY POINT           | 15                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10308        | INVERNESS              | 24                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10313        | LITTLE JUDIQUE HARBOUR | 15                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10314        | LITTLE JUDIQUE PONDS   | 12                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10319        | MABOU HARBOUR          | 11                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10324        | MURPHY'S POND          | 31                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10330        | PORT HOOD              | 2                 |
| 2012                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10341        | BAXTER'S COVE          | 12                |
| 2012                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 11402        | AULD'S COVE            | 16                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26310        | JACQUET RIVER          | 1                 |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26313        | NEW MILLS              | 14                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26408        | POINTE-VERTE           | 21                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26410        | PETIT-ROCHER           | 20                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26501        | CARAQUET               | 17                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26502        | ANSE-BLEUE             | 15                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26505        | GRANDE-ANSE            | 12                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26508        | BAS CARAQUET           | 14                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26519        | STONEHAVEN             | 31                |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26531        | MILLER BROOK WHARF    | 21                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26601        | LAMEQUE               | 2                 |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26608        | PETTIT SHIPPAGAN      | 29                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26611        | MISCOU HARBOUR        | 68                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26616        | PIGEON HILL           | 59                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26620        | STE MARIE/ST.RAPHAEL  | 30                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26622        | SAVOY LANDING         | 17                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26701        | SHIPPAGAN             | 2                 |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26703        | INKERMAN              | 26                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26714        | LE GOULET             | 59                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26811        | TRACADIE              | 8                 |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26817        | VAL COMEAU            | 46                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27003        | BURNT CHURCH          | 24                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27005        | BAS NEGUAC            | 23                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27008        | NEGUAC                | 43                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27013        | MCEACHERN POINT       | 43                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27302        | BAY DU VIN RIVER      | 1                 |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27305        | ESCUMINAC             | 94                |
| 2013                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27311        | EEL RIVER BRIDGE      | 18                |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819        | NAUFRAGE              | 76                |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820        | NORTH LAKE            | 90                |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821        | RED HEAD              | 35                |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR        | 26                |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212        | SEACOW POND           | 57                |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214        | TIGNISH RUN           | 126               |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39219        | JUDE'S POINT          | 1                 |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230        | NORTHPORT             | 80                |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306        | DARNLEY               | 3                 |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39307        | ELLERSLIE             | 1                 |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39309        | GRAND RIVER           | 1                 |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | MALPEQUE              | 33                |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39316        | PORT HILL             | 1                 |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND         | 26                |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF      | 31                |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | FRENCH RIVER          | 28                |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO         | 35                |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE        | 5                 |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | NEW LONDON            | 11                |
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | COVEHEAD              | 15                |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|-------------------|
| 2013                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | TRACADIE                 | 20                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27504        | LOGGECROFT               | 53                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27505        | POINT SAPIN              | 93                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27507        | CAP ST. LOUIS            | 42                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27603        | CAP LUMIERE              | 27                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27610        | RICHIBUCTO               | 78                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27703        | CAISSIE'S CAPE           | 11                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27706        | COCAGNE CAPE             | 1                 |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27709        | ST. EDOUARD              | 13                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27712        | ST. THOMAS               | 9                 |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27713        | COCAGNE BAR              | 14                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27717        | COTE STE. ANNE/CHOCKPISH | 20                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27807        | BAS CAP PELE             | 6                 |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27808        | POINTE DU CHENE          | 1                 |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27809        | ROBICHAUD                | 7                 |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27821        | ABOITEAU                 | 22                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28003        | CAPE TORMENTINE          | 15                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28007        | PETIT CAP                | 22                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28015        | BOTSFORD                 | 25                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14502        | NORTHPORT                | 3                 |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14505        | PUGWASH                  | 5                 |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE            | 40                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMINEGASH               | 37                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND           | 88                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT               | 38                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                   | 5                 |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT              | 9                 |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY               | 11                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF            | 10                |
| 2013                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38507        | VICTORIA                 | 2                 |
| 2013                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11001        | BARRACHOIS               | 11                |
| 2013                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11102        | CARIBOU/FERRY WHARF      | 53                |
| 2013                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11111        | CAPE JOHN                | 12                |
| 2013                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11113        | TONEY RIVER              | 24                |
| 2013                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11115        | SKINNER'S COVE           | 10                |
| 2013                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11116        | LOGAN'S POINT            | 37                |
| 2013                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11125        | PICTOU ISLAND WEST       | 10                |
| 2013                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11201        | BIG ISLAND               | 2                 |
| 2013                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11202        | LISMORE                  | 31                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11203        | LITTLE HARBOUR        | 15                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11207        | PICTOU LANDING        | 18                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11303        | ARISAIG               | 25                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11304        | BALLANTYNE'S COVE     | 33                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11305        | BAYFIELD              | 19                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11308        | HAVRE BOUCHER         | 13                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11311        | LIVINGSTONE'S COVE    | 6                 |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11315        | MORRISTOWN            | 4                 |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11316        | POMQUET               | 2                 |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11317        | SOUTHSIDE HARBOUR     | 5                 |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11318        | TRACADIE              | 3                 |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11320        | BARRIOS BEACH         | 10                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 11321        | CRIBBENS POINT        | 26                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 14505        | PUGWASH               | 13                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 14604        | MALAGASH              | 7                 |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | NS                           | 14607        | WALLACE               | 15                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK       | 9                 |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38507        | VICTORIA              | 2                 |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38608        | PINETTE               | 1                 |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND           | 11                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF       | 6                 |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38701        | BEACH POINT           | 73                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38706        | GEORGETOWN            | 25                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38707        | LAUNCHING             | 44                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE        | 6                 |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38710        | MONTAGUE              | 18                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38711        | MURRAY HARBOUR        | 2                 |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38713        | MURRAY RIVER          | 1                 |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38714        | NEWPORT               | 3                 |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38716        | STURGEON              | 9                 |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND         | 52                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38735        | MACHON POINT          | 63                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38738        | MINK RIVER            | 20                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38801        | SOURIS                | 29                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38802        | ANNANDALE             | 37                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26A          | PEI                          | 38813        | FORTUNE               | 22                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10201        | CHETICAMP             | 34                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10208        | GRAND ETANG           | 27                |
| 2013                    | 700 LOBSTER  | 700 LOBSTER         | Spring | 26B          | NS                           | 10212        | MARGAREE HARBOUR      | 26                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed                 | Community Description | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|------------------------------|-----------------------|-------------------|
| 2013                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10214 PLEASANT BAY           |                       | 19                |
| 2013                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10306 FINLAY POINT           |                       | 16                |
| 2013                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10308 INVERNESS              |                       | 23                |
| 2013                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10313 LITTLE JUDIQUE HARBOUR |                       | 25                |
| 2013                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10314 LITTLE JUDIQUE PONDS   |                       | 17                |
| 2013                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10319 MABOU HARBOUR          |                       | 11                |
| 2013                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10324 MURPHY'S POND          |                       | 29                |
| 2013                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10330 PORT HOOD              |                       | 3                 |
| 2013                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10341 BAXTER'S COVE          |                       | 12                |
| 2013                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 11402 AULD'S COVE            |                       | 21                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26313 NEW MILLS              |                       | 13                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26408 POINTE-VERTE           |                       | 18                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26410 PETIT-ROCHER           |                       | 19                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26501 CARAQUET               |                       | 18                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26502 ANSE-BLEUE             |                       | 17                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26505 GRANDE-ANSE            |                       | 8                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26508 BAS CARAQUET           |                       | 13                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26519 STONEHAVEN             |                       | 30                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26531 MILLER BROOK WHARF     |                       | 21                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26601 LAMEQUE                |                       | 2                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26608 PETIT SHIPPAGAN        |                       | 23                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26611 MISCOU HARBOUR         |                       | 75                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26616 PIGEON HILL            |                       | 59                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26620 STE MARIE/ST.RAPHAEL   |                       | 26                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26622 SAVOY LANDING          |                       | 13                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26701 SHIPPAGAN              |                       | 5                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26703 INKERMEN               |                       | 17                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26714 LE GOULET              |                       | 53                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26811 TRACADIE               |                       | 8                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26817 VAL COMEAU             |                       | 44                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27003 BURNT CHURCH           |                       | 23                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27005 BAS NEGUAC             |                       | 9                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27008 NEGUAC                 |                       | 36                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27013 MCEACHERN POINT        |                       | 40                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27305 ESCUMINAC              |                       | 81                |
| 2014                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27311 EEL RIVER BRIDGE       |                       | 20                |
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819 NAUFRAGE               |                       | 72                |
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820 NORTH LAKE             |                       | 91                |
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821 RED HEAD               |                       | 34                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description          | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------------|-------------------|
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          |              | 38824 SAVAGE HARBOUR           | 24                |
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          |              | 39212 SEACOW POND              | 56                |
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          |              | 39214 TIGNISH RUN              | 127               |
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          |              | 39230 NORTHPORT                | 78                |
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          |              | 39306 DARNLEY                  | 4                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          |              | 39312 MALPEQUE                 | 31                |
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          |              | 39328 LENNOX ISLAND            | 23                |
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          |              | 39340 MILLIGAN'S WHARF         | 30                |
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          |              | 39503 FRENCH RIVER             | 34                |
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          |              | 39504 NORTH RUSTICO            | 38                |
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          |              | 39507 STANLEY BRIDGE           | 2                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          |              | 39510 NEW LONDON               | 7                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          |              | 39602 COVEHEAD                 | 15                |
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          |              | 39606 TRACADIE                 | 21                |
| 2014                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          |              | 27504 LOGGECROFT               | 46                |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           |              | 27505 POINT SAPIN              | 91                |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           |              | 27507 CAP ST. LOUIS            | 39                |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           |              | 27603 CAP LUMIERE              | 28                |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           |              | 27610 RICHIBUCTO               | 77                |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           |              | 27703 CAISSIE'S CAPE           | 12                |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           |              | 27709 ST. EDOUARD              | 11                |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           |              | 27712 ST. THOMAS               | 8                 |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           |              | 27713 COCAGNE BAR              | 12                |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           |              | 27717 COTE STE. ANNE/CHOCKPISH | 22                |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           |              | 27807 BAS CAP PELE             | 6                 |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           |              | 27809 ROBICHAUD                | 6                 |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           |              | 27821 ABOITEAU                 | 25                |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           |              | 28003 CAPE TORMENTINE          | 13                |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           |              | 28007 PETIT CAP                | 22                |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           |              | 28015 BOTSFORD                 | 22                |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           |              | 14502 NORTHPORT                | 2                 |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           |              | 14505 PUGWASH                  | 8                 |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           |              | 38207 HOWARD'S COVE            | 38                |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          |              | 38208 MIMINEGASH               | 39                |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          |              | 38215 SKINNER'S POND           | 91                |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          |              | 38218 WEST POINT               | 37                |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          |              | 38302 BORDEN                   | 4                 |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          |              | 38303 CAPE EGMONT              | 8                 |
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          |              | 38305 EGMONT BAY               | 12                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2014                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF         | 10                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11001        | BARRACHOIS            | 7                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11102        | CARIBOU/FERRY WHARF   | 45                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11111        | CAPE JOHN             | 12                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11113        | TONEY RIVER           | 24                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11115        | SKINNER'S COVE        | 9                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11116        | LOGAN'S POINT         | 29                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11125        | PICTOU ISLAND WEST    | 9                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11201        | BIG ISLAND            | 1                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11202        | LISMORE               | 31                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11203        | LITTLE HARBOUR        | 14                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11207        | PICTOU LANDING        | 18                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11303        | ARISAIG               | 23                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11304        | BALLANTYNE'S COVE     | 24                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11305        | BAYFIELD              | 17                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11308        | HAVRE BOUCHER         | 14                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11311        | LIVINGSTONE'S COVE    | 5                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11316        | POMQUET               | 1                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11317        | SOUTHSIDE HARBOUR     | 4                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11318        | TRACADIE              | 2                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11320        | BARRIOS BEACH         | 9                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11321        | CRIBBENS POINT        | 26                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14505        | PUGWASH               | 11                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14604        | MALAGASH              | 5                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14607        | WALLACE               | 16                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK       | 11                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507        | VICTORIA              | 3                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38608        | PINETTE               | 1                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND           | 10                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615        | MACAULAY'S WHARF      | 6                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701        | BEACH POINT           | 78                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706        | GEORGETOWN            | 27                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707        | LAUNCHING             | 43                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE        | 2                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710        | MONTAGUE              | 13                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714        | NEWPORT               | 2                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716        | STURGEON              | 7                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND         | 49                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735        | MACHON POINT          | 50                |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|-------------------|
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 17                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 29                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 36                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 21                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10201        | CHETICAMP              | 35                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10208        | GRAND ETANG            | 25                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10212        | MARGAREE HARBOUR       | 24                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10214        | PLEASANT BAY           | 18                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10306        | FINLAY POINT           | 12                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10308        | INVERNESS              | 17                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10313        | LITTLE JUDIQUE HARBOUR | 16                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10314        | LITTLE JUDIQUE PONDS   | 19                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10319        | MABOU HARBOUR          | 13                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10324        | MURPHY'S POND          | 28                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10330        | PORT HOOD              | 4                 |
| 2014                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10341        | BAXTER'S COVE          | 10                |
| 2014                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 11402        | AULD'S COVE            | 11                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26313        | NEW MILLS              | 15                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26408        | POINTE-VERTE           | 17                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26410        | PETIT-ROCHER           | 20                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26501        | CARAQUET               | 14                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26502        | ANSE-BLEUE             | 20                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26505        | GRANDE-ANSE            | 7                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26508        | BAS CARAQUET           | 11                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26519        | STONEHAVEN             | 30                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26531        | MILLER BROOK WHARF     | 21                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26601        | LAMEQUE                | 2                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26608        | PETIT SHIPPAGAN        | 24                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26611        | MISCOU HARBOUR         | 70                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26616        | PIGEON HILL            | 59                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26620        | STE MARIE/ST.RAPHAEL   | 24                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26622        | SAVOY LANDING          | 8                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26701        | SHIPPAGAN              | 11                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26703        | INKERMAN               | 20                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26714        | LE GOULET              | 47                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26811        | TRACADIE               | 9                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26817        | VAL COMEAU             | 42                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27003        | BURNT CHURCH           | 29                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27005        | BAS NEGUAC             | 12                |



| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed | Community Description    | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|-------------------|
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27008        | NEGUAC                   | 49                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27013        | MCEACHERN POINT          | 40                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27305        | ESCUMINAC                | 84                |
| 2015                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27311        | EEL RIVER BRIDGE         | 15                |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819        | NAUFRAGE                 | 71                |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820        | NORTH LAKE               | 95                |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821        | RED HEAD                 | 34                |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR           | 24                |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39210        | NORTH POINT              | 1                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212        | SEACOW POND              | 51                |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214        | TIGNISH RUN              | 125               |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39215        | WEST DEVON               | 1                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230        | NORTHPORT                | 81                |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306        | DARNLEY                  | 4                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | MALPEQUE                 | 30                |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND            | 23                |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF         | 28                |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | FRENCH RIVER             | 37                |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO            | 35                |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE           | 2                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | NEW LONDON               | 6                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | COVEHEAD                 | 17                |
| 2015                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | TRACADIE                 | 22                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27504        | LOGGECROFT               | 36                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27505        | POINT SAPIN              | 85                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27507        | CAP ST. LOUIS            | 39                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27603        | CAP LUMIERE              | 27                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27610        | RICHIBUCTO               | 87                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27617        | BIG COVE                 | 7                 |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27701        | BOUCTOUCHE               | 1                 |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27703        | CAISSIE'S CAPE           | 15                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27709        | ST. EDOUARD              | 13                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27712        | ST. THOMAS               | 7                 |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27713        | COCAGNE BAR              | 12                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27717        | COTE STE. ANNE/CHOCKPISH | 26                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27807        | BAS CAP PELE             | 6                 |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27809        | ROBICHAUD                | 7                 |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27821        | ABOITEAU                 | 22                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28003        | CAPE TORMENTINE          | 12                |

| Year of the Landed Date | Species Code | Species Description | Season | Fishing Area | Province of the Place Landed | Place Landed              | Community Description | Number of vessels |
|-------------------------|--------------|---------------------|--------|--------------|------------------------------|---------------------------|-----------------------|-------------------|
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28007 PETIT CAP           |                       | 21                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28015 BOTSFORD            |                       | 23                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14502 NORTHPORT           |                       | 2                 |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14505 PUGWASH             |                       | 7                 |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207 HOWARD'S COVE       |                       | 38                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208 MIMINEGASH          |                       | 41                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215 SKINNER'S POND      |                       | 84                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218 WEST POINT          |                       | 40                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302 BORDEN              |                       | 4                 |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303 CAPE EGMONT         |                       | 8                 |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305 EGMONT BAY          |                       | 14                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306 HIGGINS WHARF       |                       | 10                |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38310 SUMMERSIDE          |                       | 2                 |
| 2015                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 11001 BARRACHOIS          |                       | 7                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11102 CARIBOU/FERRY WHARF |                       | 46                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11111 CAPE JOHN           |                       | 12                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11113 TONEY RIVER         |                       | 24                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11115 SKINNER'S COVE      |                       | 9                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11116 LOGAN'S POINT       |                       | 29                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11125 PICTOU ISLAND WEST  |                       | 5                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11201 BIG ISLAND          |                       | 2                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11202 LISMORE             |                       | 33                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11203 LITTLE HARBOUR      |                       | 13                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11207 PICTOU LANDING      |                       | 20                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11303 ARISAIG             |                       | 24                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11304 BALLANTYNE'S COVE   |                       | 25                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11305 BAYFIELD            |                       | 18                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11308 HAVRE BOUCHER       |                       | 12                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11311 LIVINGSTONE'S COVE  |                       | 6                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11317 SOUTHSIDE HARBOUR   |                       | 4                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11320 BARRIOS BEACH       |                       | 9                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11321 CRIBBENS POINT      |                       | 26                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14505 PUGWASH             |                       | 11                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14604 MALAGASH            |                       | 5                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 14607 WALLACE             |                       | 16                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38505 NINE MILE CREEK     |                       | 10                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38507 VICTORIA            |                       | 2                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38603 CHARLOTTETOWN       |                       | 2                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38608 PINETTE             |                       | 1                 |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|-------------------|
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND            | 11                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF        | 6                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38701        | BEACH POINT            | 70                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38706        | GEORGETOWN             | 22                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38707        | LAUNCHING              | 44                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE         | 4                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38710        | MONTAGUE               | 15                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38714        | NEWPORT                | 2                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38716        | STURGEON               | 7                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND          | 49                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38735        | MACHON POINT           | 56                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 21                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 33                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 36                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 19                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26A          | PEI                          | 10201        | CHETICAMP              | 30                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10208        | GRAND ETANG            | 27                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10212        | MARGAREE HARBOUR       | 25                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10214        | PLEASANT BAY           | 18                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10306        | FINLAY POINT           | 14                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10308        | INVERNESS              | 23                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10309        | INVERSIDE              | 1                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10313        | LITTLE JUDIQUE HARBOUR | 16                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10314        | LITTLE JUDIQUE PONDS   | 10                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10319        | MABOU HARBOUR          | 10                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10324        | MURPHY'S POND          | 27                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10330        | PORT HOOD              | 3                 |
| 2015                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 10341        | BAXTER'S COVE          | 11                |
| 2015                    | 700 LOBSTER  |                     | Spring | 26B          | NS                           | 11402        | AULD'S COVE            | 8                 |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26313        | NEW MILLS              | 15                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26408        | POINTE-VERTE           | 21                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26410        | PETIT-ROCHER           | 16                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26501        | CARAQUET               | 17                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26502        | ANSE-BLEUE             | 20                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26505        | GRANDE-ANSE            | 2                 |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26508        | BAS CARAQUET           | 18                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26519        | STONEHAVEN             | 29                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26531        | MILLER BROOK WHARF     | 22                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26601        | LAMEQUE                | 1                 |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|-----------------------|-------------------|
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26608        | PETIT SHIPPAGAN       | 22                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26611        | MISCOU HARBOUR        | 65                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26616        | PIGEON HILL           | 60                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26620        | STE MARIE/ST. RAPHAEL | 24                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26622        | SAVOY LANDING         | 5                 |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26701        | SHIPPAGAN             | 12                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26703        | INKERMAN              | 17                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26714        | LE GOULET             | 53                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26811        | TRACADIE              | 5                 |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 26817        | VAL COMEAU            | 42                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27003        | BURNT CHURCH          | 30                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27005        | BAS NEGUAC            | 18                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27008        | NEGUAC                | 49                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27013        | MCEACHERN POINT       | 38                |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27301        | BAIE STE. ANNE        | 1                 |
| 2016                    | 700 LOBSTER  |                     | Spring | 23           | NB                           | 27305        | ESCUMINAC             | 81                |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38819        | NAUFRAGE              | 72                |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38820        | NORTH LAKE            | 88                |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38821        | RED HEAD              | 32                |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 38824        | SAVAGE HARBOUR        | 24                |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39212        | SEACOW POND           | 47                |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39214        | TIGNISH RUN           | 126               |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39230        | NORTHPORT             | 83                |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39306        | DARNLEY               | 6                 |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39307        | ELLERSLIE             | 5                 |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39312        | MALPEQUE              | 30                |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39328        | LENNOX ISLAND         | 24                |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39340        | MILLIGAN'S WHARF      | 26                |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39503        | FRENCH RIVER          | 34                |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39504        | NORTH RUSTICO         | 36                |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39507        | STANLEY BRIDGE        | 2                 |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39510        | NEW LONDON            | 6                 |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39602        | COVEHEAD              | 14                |
| 2016                    | 700 LOBSTER  |                     | Spring | 24           | PEI                          | 39606        | TRACADIE              | 22                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27504        | LOGGECROFT            | 35                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27505        | POINT SAPIN           | 71                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27507        | CAP ST. LOUIS         | 37                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27603        | CAP LUMIERE           | 40                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27610        | RICHIBUCTO            | 68                |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|--------------------------|-------------------|
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27701        | BOUCTOUCHE               | 2                 |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27703        | CAISSIE'S CAPE           | 13                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27709        | ST. EDOUARD              | 13                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27712        | ST. THOMAS               | 6                 |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27713        | COCAGNE BAR              | 14                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27717        | COTE STE. ANNE/CHOCKPISH | 25                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27807        | BAS CAP PELE             | 7                 |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27808        | POINTE DU CHENE          | 4                 |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27809        | ROBICHAUD                | 7                 |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 27821        | ABOITEAU                 | 24                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28003        | CAPE TORMENTINE          | 11                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28007        | PETIT CAP                | 21                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NB                           | 28015        | BOTSFORD                 | 24                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14502        | NORTHPORT                | 1                 |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 14505        | PUGWASH                  | 9                 |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38207        | HOWARD'S COVE            | 40                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38208        | MIMINEGASH               | 40                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38215        | SKINNER'S POND           | 74                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38218        | WEST POINT               | 28                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38302        | BORDEN                   | 3                 |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38303        | CAPE EGMONT              | 6                 |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38305        | EGMONT BAY               | 12                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | PEI                          | 38306        | HIGGINS WHARF            | 11                |
| 2016                    | 700 LOBSTER  |                     | Fall   | 25           | NS                           | 11001        | BARRACHOIS               | 7                 |
| 2016                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11102        | CARIBOU/FERRY WHARF      | 47                |
| 2016                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11111        | CAPE JOHN                | 12                |
| 2016                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11113        | TONEY RIVER              | 23                |
| 2016                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11115        | SKINNER'S COVE           | 10                |
| 2016                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11116        | LOGAN'S POINT            | 34                |
| 2016                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11125        | PICTOU ISLAND WEST       | 10                |
| 2016                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11201        | BIG ISLAND               | 1                 |
| 2016                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11202        | LISMORE                  | 31                |
| 2016                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11203        | LITTLE HARBOUR           | 12                |
| 2016                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11207        | PICTOU LANDING           | 18                |
| 2016                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11303        | ARISAIG                  | 24                |
| 2016                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11304        | BALLANTYNE'S COVE        | 22                |
| 2016                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11305        | BAYFIELD                 | 18                |
| 2016                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11308        | HAVRE BOUCHER            | 12                |
| 2016                    | 700 LOBSTER  |                     | Spring | 26A          | NS                           | 11311        | LIVINGSTONE'S COVE       | 6                 |

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|-------------------------|--------------|---------------------|--------|--------------|------------------------------|--------------|------------------------|-------------------|
| 2016                    | 700          | LOBSTER             | Spring | 26A          | NS                           | 11318        | TRACADIE               | 3                 |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | NS                           | 11320        | BARRIOS BEACH          | 9                 |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | NS                           | 11321        | CRIBBENS POINT         | 26                |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | NS                           | 14505        | PUGWASH                | 10                |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | NS                           | 14604        | MALAGASH               | 5                 |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | NS                           | 14607        | WALLACE                | 17                |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38505        | NINE MILE CREEK        | 11                |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38507        | VICTORIA               | 3                 |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38608        | PINETTE                | 1                 |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38614        | WOOD ISLAND            | 11                |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38615        | MACAULAYS WHARF        | 6                 |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38701        | BEACH POINT            | 68                |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38706        | GEORGETOWN             | 31                |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38707        | LAUNCHING              | 42                |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38709        | LOWER MONTAGUE         | 4                 |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38710        | MONTAGUE               | 8                 |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38714        | NEWPORT                | 2                 |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38716        | STURGEON               | 7                 |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38720        | GRAHAM'S POND          | 47                |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38735        | MACHON POINT           | 41                |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38738        | MINK RIVER             | 7                 |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38801        | SOURIS                 | 34                |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38802        | ANNANDALE              | 38                |
| 2016                    | 700          | LOBSTER             | Spring | 26A          | PEI                          | 38813        | FORTUNE                | 20                |
| 2016                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10201        | CHETICAMP              | 31                |
| 2016                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10208        | GRAND ETANG            | 25                |
| 2016                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10212        | MARGAREE HARBOUR       | 29                |
| 2016                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10214        | PLEASANT BAY           | 17                |
| 2016                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10304        | CREIGNISH              | 3                 |
| 2016                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10306        | FINLAY POINT           | 14                |
| 2016                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10308        | INVERNESS              | 22                |
| 2016                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10313        | LITTLE JUDIQUE HARBOUR | 11                |
| 2016                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10314        | LITTLE JUDIQUE PONDS   | 10                |
| 2016                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10319        | MABOU HARBOUR          | 10                |
| 2016                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10324        | MURPHY'S POND          | 27                |
| 2016                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10330        | PORT HOOD              | 1                 |
| 2016                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 10341        | BAXTER'S COVE          | 11                |
| 2016                    | 700          | LOBSTER             | Spring | 26B          | NS                           | 11402        | AULD'S COVE            | 8                 |

\* 2016 data is preliminary and subject to change without notice

## Massiera, Josiane

---

**From:** Dupuis, Monique  
**Sent:** February-15-19 8:04 AM  
**To:** Massiera, Josiane; Comeau, Sandra J; Dwyer, Alan; Moore, Benjamin  
**Subject:** RE: Email to DMCs

Hi Josiane,

Please note that a French e-mail will need to be sent to Pèse-Pêche. Do you have a translation budget? Also please note that Serge at Pèse-Pêche is away from the office starting Feb. 20<sup>th</sup> and returning on March 4<sup>th</sup>.

Monique

Monique Dupuis  
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection  
Fisheries and Oceans – Gulf Region/Government of Canada  
[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca) / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel régional – Coordonnatrice de programme d'observateur en mer et PVQ, Conservation et protection  
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---

**From:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>  
**Sent:** February 14, 2019 5:23 PM  
**To:** Comeau, Sandra J <[Sandra.Comeau@dfo-mpo.gc.ca](mailto:Sandra.Comeau@dfo-mpo.gc.ca)>; Dwyer, Alan <[Alan.Dwyer@dfo-mpo.gc.ca](mailto:Alan.Dwyer@dfo-mpo.gc.ca)>; Moore, Benjamin <[Benjamin.Moore@dfo-mpo.gc.ca](mailto:Benjamin.Moore@dfo-mpo.gc.ca)>; Dupuis, Monique <[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca)>  
**Subject:** Email to DMCs

Proposed email to DMC for your input. Parts in yellow will defer depending on DMC.

Hello,

Thank you for participating to the discussion on the potential project for Dockside Monitoring in the Gulf Region Lobster Fisheries. As discussed, we would like for you to provide a quote(s) on providing the following service to DFO during the Spring Fishery (LFA XX) and Summer/Fall Fishery (LFA 25). Please provide separate quotes for each season. The tasks would include:

- Provide a Dockside Observer daily at listed in the attached document to monitor lobster landings. You will be responsible to develop the schedule and share it by email to DFO for possible C&P support. The dispatching of the observer(s) will need to be done randomly within the listed ports (there will be no hail-in).
- A minimum 10 landings per day. If you are able to do more, please provide the number and cost.
- The dockside Observer will need to ask the fish harvesters for a copy of their logbook/Elog and fill out the following information on the existing Weigh out form:
  - 1) Company, date, port landed, monitor's name and ID.
  - 2) Licence number, VRN, vessel name and captain
  - 3) Buyer
  - 4) Logbook # or ELog Unique ID#
  - 5) Catch estimate recorded by the fish harvesters in their log – Add in the comment section
  - 6) Buyer's slip #. – Add in the comment section
  - 7) Record of all lobster landed (sales and personal use) at the buyer's station
  - 8) Fill out incident report for non-compliance of fish harvesters for those that do not provide their logbook/Elog

- DMC's office will scan the Weigh out forms and send it to DFO weekly or twice a week.
- DMC's office will send the original forms to DFO at the end of the season. **NO** data entry will be required by the DMC for 2019.

Also attached for your information are the number of licences per homeport for 2016. Note however that fishers might not always land at their homeport (only say this if covering areas outside LFA 23).

Thank you,

Josiane



## Massiera, Josiane

---

**From:** Robichaud-Hache, Melanie  
**Sent:** February-15-19 1:06 PM  
**To:** Massiera, Josiane  
**Cc:** Lemay, Gaëlle  
**Subject:** RE: port de débarquements de homard

Bonjour Josiane

Oui c'est bel et bien ça. Des débarquements d'homard au printemps ainsi qu'à l'automne pour ce port.

Mélanie

Mélanie Robichaud-Haché, MSc

Statistical Research Coordinator / Coordonnatrice de la recherche Statistiques  
Strategic Services Branch, Gulf Region | Direction des Services Stratégiques, Région du golfe  
Fisheries and Oceans Canada | Pêches et Océans Canada  
343 Université, Moncton NB E1C 9B6  
Tel: (506) 851-2371  
Fax: (506) 851-7732  
Room 662

---

**From:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>  
**Sent:** Friday, February 15, 2019 10:52 AM  
**To:** Robichaud-Hache, Melanie <[Melanie.Robichaud-Hache@dfo-mpo.gc.ca](mailto:Melanie.Robichaud-Hache@dfo-mpo.gc.ca)>  
**Cc:** Lemay, Gaëlle <[Gaelle.Lemay@dfo-mpo.gc.ca](mailto:Gaelle.Lemay@dfo-mpo.gc.ca)>  
**Subject:** port de débarquements de homard

Bonjour Mélanie,  
Gaëlle m'a envoyé ce fichier...peux-tu me confirmer si c'est bien ça que le port de Pugwash est un port de débarquements de homard pour la zone 25 (automne) et la zone 26A (printemps)?  
Merci,  
Josiane

## **Massiera, Josiane**

---

**From:** Massiera, Josiane  
**Sent:** February-15-19 1:11 PM  
**To:** Dwyer, Alan  
**Cc:** Dupuis, Monique  
**Subject:** RE: Email to DMCs RE: NS

This is the list of Port that we would ask Cheticamp Monitoring and Atlantic Catch Data Ltd. to cover...makes sense? I am not sure about Auld's Cove...I think it is on the main land but in LFA 26B, so I gave it to Cheticamp. Can you confirm? Pugwash is used for both LFA26A and LFA 25, I confirmed this with Stats.

### **Cheticamp Monitoring:** **LFA 26B (Spring)**

CHETICAMP  
GRAND ETANG  
MARGAREE HARBOUR  
PLEASANT BAY  
FINLAY POINT  
INVERNESS  
LITTLE JUDIQUE  
HARBOUR  
MABOU HARBOUR  
MURPHY'S POND  
MURPHY'S POND  
PORT HOOD  
BAXTER'S COVE  
AULD'S COVE

### **Atlantic Catch Data:** **LFA 26A (Spring)**

BARRACHOIS  
CARIBOU/FERRY WHARF  
CAPE JOHN  
TONEY RIVER  
SKINNER'S COVE  
LOGAN'S POINT  
PICTOU ISLAND WEST  
BIG ISLAND  
LISMORE  
LITTLE HARBOUR  
PICTOU LANDING  
ARISAIG  
BALLANTYNE'S COVE

BAYFIELD  
HAVRE BOUCHER  
LIVINGSTONE'S COVE  
TRACADIE  
BARRIOS BEACH  
CRIBBENS POINT  
NORTHPORT  
PUGWASH  
MALAGASH  
WALLACE

**LFA 25**

NORTHPORT  
PUGWASH

---

**From:** Dupuis, Monique  
**Sent:** February-15-19 8:04 AM  
**To:** Massiera, Josiane; Comeau, Sandra J; Dwyer, Alan; Moore, Benjamin  
**Subject:** RE: Email to DMCs

Hi Josiane,  
Please note that a French e-mail will need to be sent to Pèse-Pêche. Do you have a translation budget? Also please note that Serge at Pèse-Pêche is away from the office starting Feb. 20<sup>th</sup> and returning on March 4<sup>th</sup>.

Monique

Monique Dupuis  
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection  
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**From:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>  
**Sent:** February 14, 2019 5:23 PM  
**To:** Comeau, Sandra J <[Sandra.Comeau@dfo-mpo.gc.ca](mailto:Sandra.Comeau@dfo-mpo.gc.ca)>; Dwyer, Alan <[Alan.Dwyer@dfo-mpo.gc.ca](mailto:Alan.Dwyer@dfo-mpo.gc.ca)>; Moore, Benjamin <[Benjamin.Moore@dfo-mpo.gc.ca](mailto:Benjamin.Moore@dfo-mpo.gc.ca)>; Dupuis, Monique <[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca)>  
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Also attached for your information are the number of licences per homeport for 2016. Note however that fishers might not always land at their homeport (only say this if covering areas outside LFA 23).

Thank you,

Josiane

## Massiera, Josiane

---

**From:** LeBlanc, Carole L  
**Sent:** February-15-19 1:28 PM  
**To:** LeCouffe, Marc; Mallet, Pierre; Gaudet, Mario; Massiera, Josiane  
**Subject:** RE: Catch Monitoring - Options for funding

**Importance:** High

Bonjour,

Finalement avec l'enveloppe de 284k, on peut financer deux projets pour un total de 275k.

Avec la balance de 10k, il y a deux possibilités :

- a) On prend la balance de 10k, est-ce qu'il y a un autre projet que nous voulons modifier et avancer sur la liste ci-dessous?
- b) La balance ira dans une enveloppe nationale pour financer d'autres projets.

Si vous avez des commentaires ou suggestions, veuillez m'en faire part aussitôt que possible (le plus tard est lundi avant-midi).

Carole

---

**From:** LeBlanc, Carole L  
**Sent:** Wednesday, February 13, 2019 1:48 PM  
**To:** LeCouffe, Marc <Marc.LeCouffe@dfo-mpo.gc.ca>  
**Cc:** Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>  
**Subject:** RE: Catch Monitoring - Options for funding

Bonjour,

Je viens de terminer un appel à ce sujet. Le montant qui semble être préférable à toutes les régions est le montant de 284,328\$. Alors, nous devons identifier les projets que nous voulons poursuivre selon ce montant. Cependant, si nous avons des projets qui sont des ``must`` et qui dépasse ce montant, nous devons l'identifier. Veuillez noter que je pense que celui de maquereau sera financé à partir du budget de NHQ finalement...j'attends la confirmation de Jenness.

Je dois fournir notre liste finale au bureau central demain matin. Alors si vous avez autres commentaires à me fournir, veuillez svp m'en faire part.

Pour les plans de rétablissement, nous aurons un budget de 54k. Notre demande était 60k. Veuillez noter que le budget des plans de rétablissement sera réduit en 2020-21 alors le gros du travail devra être complété en 2019-20.

Merci

Carole

---

**From:** LeBlanc, Carole L  
**Sent:** Wednesday, February 13, 2019 11:04 AM  
**To:** LeCouffe, Marc <Marc.LeCouffe@dfo-mpo.gc.ca>  
**Cc:** Mallet, Pierre <Pierre.Mallet@dfo-mpo.gc.ca>; Gaudet, Mario <Mario.Gaudet@dfo-mpo.gc.ca>  
**Subject:** Catch Monitoring - Options for funding

Bonjour Marc,

Tel que discuté hier, il y a trop de propositions soumises au niveau national pour les fonds disponibles pour les projets de surveillance des débarquements. Le bureau central suggère de financer chaque région de façon équitable.

Il propose le suivant : Option 1 : financement de 230,050\$ par région; Option 2 : financement de 284,328\$ par région.

Voici quelques scénarios basés sur la priorisation des projets soumis et aussi, si le projet de DMP homard est supporté ou non.

J'ai un appel à 13h00 cet après-midi. Si vous avez des commentaires, suggestions ou autres, veuillez svp m'en faire part.

Merci

Carole

s.21(1)(a)

s.21(1)(b)

|                                           | Project title                                                                                                                              | budget request | Priority Ranked  |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------|
| Proposal 1                                | Increased EVM of the Gulf Region Bluefin Tuna Fishery                                                                                      |                | 4                |
| Proposal 2                                | Study the effect of Temperature changes on scallops to understand the impact on landings and catch rates (on which stock status is based). | \$30,000.00    | 8                |
| Proposal 3                                | Striped Bass Log & Journal Application                                                                                                     |                | 9                |
| Proposal 4                                | Catch monitoring-Southern Gulf Lobster (LFA 23, 24, 25, 26A and 26B)                                                                       | \$250,000.00   | 1                |
| Proposal 5                                | E-DMP                                                                                                                                      |                | 2                |
| Proposal 6                                | Electronic Video Monitoring-Atlantic Halibut                                                                                               |                | 6                |
| Proposal 7                                | Interactive Voice Response (IVR) Hail-In Monitoring for ENB Smelt Fishery                                                                  |                | 5                |
| Proposal 8                                | Scallop Logbook Data Collection Review and Education                                                                                       |                | 3                |
| Proposal 9                                | Improvement in existing IVR system to add hail out for the mackerel fishery                                                                |                | 7                |
| FUNDING OPTIONS PROPOSED BY NHQ           |                                                                                                                                            |                |                  |
| option 1                                  | \$230,050.00                                                                                                                               |                |                  |
| option 2                                  | \$284,328.00                                                                                                                               |                |                  |
| Option 1 - budget \$230,050 per region    |                                                                                                                                            |                |                  |
| If we decide to go with priority projects |                                                                                                                                            | budget         | option 1 funding |
| Proposal 4                                | Catch monitoring-Southern Gulf Lobster (LFA 23, 24, 25, 26A and 26B)                                                                       | \$250,000.00   | \$230,050.00     |

s.21(1)(a)

s.21(1)(b)

| <b>Option 2- budget \$284,328 per region</b>                                                    |                                                                                                                                            |               |                         |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------|
| If we decide to go with priority projects                                                       |                                                                                                                                            | <b>budget</b> | <b>option 2 funding</b> |
| Proposal 4                                                                                      | Catch monitoring-Southern Gulf Lobster (LFA 23, 24, 25, 26A and 26B)                                                                       | \$250,000.00  | \$284,328.00            |
| Proposal 5                                                                                      | E-DMP                                                                                                                                      |               |                         |
| Proposal 8                                                                                      | Scallop Logbook Data Collection Review and Education                                                                                       |               |                         |
|                                                                                                 |                                                                                                                                            |               |                         |
| <b>Option 1 - budget \$230,050 per region if catch monitoring -SG lobster does not go ahead</b> |                                                                                                                                            |               |                         |
| Proposal 5                                                                                      | E-DMP                                                                                                                                      |               |                         |
| Proposal 8                                                                                      | Scallop Logbook Data Collection Review and Education                                                                                       |               |                         |
| Proposal 1                                                                                      | Increased EVM of the Gulf Region Bluefin Tuna Fishery                                                                                      |               |                         |
| Proposal 9                                                                                      | Improvement in existing IVR system to add hail out for the mackerel fishery                                                                |               |                         |
| Proposal 6                                                                                      | Electronic Video Monitoring-Atlantic Halibut                                                                                               |               |                         |
| Proposal 7                                                                                      | Interactive Voice Response (IVR) Hail-In Monitoring for ENB Smelt Fishery                                                                  |               |                         |
|                                                                                                 |                                                                                                                                            |               |                         |
| <b>Option 2- budget \$284,328 per region if catch monitoring -SG lobster does not go ahead</b>  |                                                                                                                                            |               |                         |
| Proposal 5                                                                                      | E-DMP                                                                                                                                      |               |                         |
| Proposal 8                                                                                      | Scallop Logbook Data Collection Review and Education                                                                                       |               |                         |
| Proposal 1                                                                                      | Increased EVM of the Gulf Region Bluefin Tuna Fishery                                                                                      |               |                         |
| Proposal 9                                                                                      | Improvement in existing IVR system to add hail out for the mackerel fishery                                                                |               |                         |
| Proposal 6                                                                                      | Electronic Video Monitoring-Atlantic Halibut                                                                                               |               |                         |
| Proposal 7                                                                                      | Interactive Voice Response (IVR) Hail-In Monitoring for ENB Smelt Fishery                                                                  |               |                         |
| Proposal 2                                                                                      | Study the effect of Temperature changes on scallops to understand the impact on landings and catch rates (on which stock status is based). |               |                         |
| Proposal 3                                                                                      | Striped Bass Log & Journal Application                                                                                                     |               |                         |

Carole LeBlanc

Regional Manager, Fisheries and Aquaculture Management

Gestionnaire régionale, Gestion des pêches et aquaculture

343 Université Ave. Moncton, NB E1C 9B6

Telephone | Téléphone: 506-851-2147

Faxsimile | Télécopieur: 506-851-2620

Internet: [Carole.LeBlanc@dfo-mpo.gc.ca](mailto:Carole.LeBlanc@dfo-mpo.gc.ca)

## Massiera, Josiane

---

**From:** Massiera, Josiane  
**Sent:** February-15-19 1:31 PM  
**To:** Dupuis, Monique  
**Subject:** RE: Buyer [REDACTED]

Finalemt j'ai accès au DMP reports...je vais essayer de sortir [REDACTED] ..je  
note ta demande.

---

**From:** Dupuis, Monique  
**Sent:** February-15-19 11:54 AM  
**To:** Massiera, Josiane  
**Subject:** Buyer [REDACTED]

Hi Josiane,  
Is it possible [REDACTED] ?

Monique

Monique Dupuis  
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection  
Fisheries and Oceans – Gulf Region/Government of Canada  
[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca) / Tel: 506-851-6214 / Fax: 506-851-2504

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## Massiera, Josiane

---

**From:** Dupuis, Monique  
**Sent:** February-11-19 11:14 AM  
**To:** Massiera, Josiane  
**Subject:** RE: Données sur les débarquements de homard (pour DMP)  
**Attachments:** DMC per buyers all species.xlsx

Voici la liste demandée. Je l'ai fait pour tous les acheteurs et tous les espèces. S'il t'en manque, n'hésite pas à me laisser savoir et j'irai regardé pour ceux qui manque.

Merci !  
Monique

Monique Dupuis  
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection  
Fisheries and Oceans – Gulf Region/Government of Canada  
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---

**From:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>  
**Sent:** February 11, 2019 8:22 AM  
**To:** Dupuis, Monique <[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca)>  
**Subject:** RE: Données sur les débarquements de homard (pour DMP)

Penses-tu qu'on pourrait faire le contraire? Par exemple, je te donnerai la liste d'acheteurs par quai et on pourrait regarder qu'elle DMC est associé à ces acheteurs?

Josiane

---

**From:** Dupuis, Monique  
**Sent:** February-11-19 8:11 AM  
**To:** Massiera, Josiane  
**Subject:** RE: Données sur les débarquements de homard (pour DMP)

Allo,  
Excuse-moi du retard à te répondre.

Est-ce que tu sais pour quelle espèce je pourrais faire le rapport qui me donnerait les acheteurs potentiels pour le homard ?

Merci et bonne journée !  
Monique

Monique Dupuis  
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection

Fisheries and Oceans – Gulf Region/Government of Canada  
[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca) / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordinatrice de programme d'observateur en mer et PVQ , Conservation et protection  
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada  
[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca) / Téléphone: 506-851-6214 / Fax: 506-851-2504

---

**From:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>  
**Sent:** February 5, 2019 1:42 PM  
**To:** Dupuis, Monique <[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca)>  
**Subject:** FW: Données sur les débarquements de homard (pour DMP)

J'ai fait la demande à Gaëlle, mais je pense qu'on aura besoin d'un rapport de DMP pour nous indiquer la liste des acheteurs que chaque compagnie de DMP à IPE font affaires avec?

---

**From:** Massiera, Josiane  
**Sent:** February-04-19 4:51 PM  
**To:** Lemay, Gaëlle  
**Cc:** Robichaud-Hache, Melanie  
**Subject:** RE: Données sur les débarquements de homard (pour DMP)

Allô Gaëlle,  
En discutant avec les deux compagnies de vérification à quai à l'IPE, ils desservent tous les deux plusieurs (60%) des mêmes ports. On aurait donc besoin la liste d'acheteurs de homard par port.  
Pour leur indiquer quelles acheteurs desservir au lieu de juste quel port.  
Merci,  
Josiane

---

**From:** Lemay, Gaëlle  
**Sent:** January-31-19 10:49 AM  
**To:** Massiera, Josiane  
**Subject:** Données sur les débarquements de homard (pour DMP)

Voici les rapports qui pourraient vous donner une idée de la fréquence des débarquements par quai. J'ai aussi inclue le rapport des acheteurs par quai.

L'information 2018 n'est pas disponible (car on entre encore les données) et ajouter l'information pour 2017 demanderait de l'effort qui n'est pas nécessaire si on cherche juste a déterminer les habitudes des pêcheurs.

Tel que discuté, ce serait peut-être plus facile de communiquer avec les Associations d'usines plutôt que communiquer avec les acheteurs individuelles afin de savoir s'ils seraient ouvert à travailler avec les Compagnie de vérification à quai.

Hésite-pas de me rejoindre si tu as besoin d'autre chose!

Gaëlle Lemay

Regional Manager, Statistics Division, Strategic Services, Gulf Region  
Fisheries and Oceans Canada/Government of Canada  
[gaelle.lemay@dfo-mpo.gc.ca](mailto:gaelle.lemay@dfo-mpo.gc.ca)/Tel: 506-851-7822/Fax: 506-851-7732

Gestionnaire régionale, Division des statistiques, Services Stratégiques, Région du Golfe  
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[gaelle.lemay@dfo-mpo.gc.ca](mailto:gaelle.lemay@dfo-mpo.gc.ca) /Tél: 506-851-7822/Télécopieur: 506-851-7732

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| Buyer                                   | Species                                                         | DMC                            |
|-----------------------------------------|-----------------------------------------------------------------|--------------------------------|
| A&L Seafoods Ltd.                       | Snow Crab                                                       | Cheticamp Monitoring           |
| Acadian Fishermen's Co-Op               | Mackerel                                                        | Island Weigh 95 Inc.           |
| Acadian Supreme Inc.                    | Mackerel, Rock Crab, Herring                                    | Island Weigh 95 Inc.           |
| Adrice P. Cormier                       | Herring                                                         | Pese-Peche                     |
| Alberton Fisheries Ltd.                 | Halibut, Herring, Snow Crab, Tuna, Cod                          | Island Weigh 95 Inc.           |
|                                         | Snow Crab                                                       | Sea Tracker                    |
| Allard Fish Ventures                    | Herring                                                         | SeeFish Dockside Monitors Inc. |
| Annandale Fisheries                     | Mackerel                                                        | Island Weigh 95 Inc.           |
| Arisaig Fisheries (2012)                | Mackerel, Rock Crab, Herring                                    | Atlantic Catch Data Ltd.       |
|                                         | Snow Crab                                                       | Cheticamp Monitoring           |
| Arsenault Fish Mart Inc.                | Mackerel, Rock Crab                                             | Island Weigh 95 Inc.           |
|                                         | Halibut, Cod                                                    | Sea Tracker                    |
|                                         | Rock Crab (NB)                                                  | SeeFish Dockside Monitors Inc. |
| B&C Shellfish Inc.                      | Halibut, Mackerel                                               | Island Weigh 95 Inc.           |
|                                         | Halibut, Mackerel, Cod                                          | Sea Tracker                    |
|                                         | Herring (NB)                                                    | SeeFish Dockside Monitors Inc. |
| Baie Ste-Anne Co-Op Ltee                | Herring                                                         | SeeFish Dockside Monitors Inc. |
| Baie Ste-Anne Seafood                   | Snow Crab                                                       | Pese-Peche                     |
|                                         | Halibut, Herring                                                | SeeFish Dockside Monitors Inc. |
| Barry Group NB Inc. (Anse-Bleu)         | Capelin, Herring, Mackerel                                      | Pese-Peche                     |
| Barry Group NB Inc. (Neguac)            | Mackerel                                                        | Pese-Peche                     |
|                                         | Halibut, Rock Crab, Herring, Mackerel                           | SeeFish Dockside Monitors Inc. |
| Barry Group NB Inc. (Morrell)           | Rock Crab                                                       | SeeFish Dockside Monitors Inc. |
| Belle River Enterprises                 | Rock Crab                                                       | Island Weigh 95 Inc.           |
|                                         | Rock Crab                                                       | Sea Tracker                    |
| Bill Misener                            | Rock Crab                                                       | Island Weigh 95 Inc.           |
| Blue Heron Seafoods                     | Halibut                                                         | Island Weigh 95 Inc.           |
| Brogan's Fisheries Ltd                  | Snow Crab                                                       | Cheticamp Monitoring           |
| Cabot Fishermen's / Malpeque Fish Co-Op | Rock Crab                                                       | Island Weigh 95 Inc.           |
| Cap Lumiere Fishing Supplies, Inc.      | Rock Crab                                                       | SeeFish Dockside Monitors Inc. |
| Cap Pele Bait                           | Herring                                                         | SeeFish Dockside Monitors Inc. |
| Cape Bald Packers Ltd.                  | Snow Crab (QC & PE)                                             | Island Weigh 95 Inc.           |
|                                         | Snow Crab (NB)                                                  | Pese-Peche                     |
|                                         | Snow Crab (PE)                                                  | Sea Tracker                    |
| Cape Bald Packers Ltd. (Cheticamp)      | Snow Crab                                                       | Cheticamp Monitoring           |
| Captain Dan's                           | Snow Crab                                                       | Cheticamp Monitoring           |
|                                         | Snow Crab                                                       | Pese-Peche                     |
| Ceillidh Fishermen Co-Op                | Snow Crab, Herring, Cod, Halibut, White Hake, Mackerel, Haddock | Cheticamp Monitoring           |
| Chase's Lobster Ltd.                    | Herring                                                         | SeeFish Dockside Monitors Inc. |
| Daley Brothers                          | Snow Crab                                                       | Cheticamp Monitoring           |
| Doiron Fisheries                        | Mackerel                                                        | Island Weigh 95 Inc.           |
|                                         | Cod, Halibut                                                    | Sea Tracker                    |
| Donald O'Neill                          | Herring                                                         | Pese-Peche                     |
|                                         | Herring                                                         | SeeFish Dockside Monitors Inc. |
| East Coast Ocean Product                | Halibut, Mackerel                                               | Pese-Peche                     |
| Edmond Gagnon Ltee                      | Snow Crab                                                       | Sea Tracker                    |
| Emery J. Savoie & Fils Ltee             | Halibut, Rock Crab, Herring                                     | SeeFish Dockside Monitors Inc. |
| Fisherman's Pride                       | Rock Crab                                                       | Island Weigh 95 Inc.           |
| French River Cannery Ltd.               | Cod, Halibut, Mackerel                                          | Island Weigh 95 Inc.           |
| G W Holding                             | Snow Crab (NB), Mackerel                                        | Island Weigh 95 Inc.           |
|                                         | Snow Crab (PE & NB & QC), Halibut, Mackerel                     | Sea Tracker                    |
|                                         | Herring                                                         | SeeFish Dockside Monitors Inc. |
| Glass Glider Ent Inc.                   | Mackerel                                                        | Island Weigh 95 Inc.           |
| Hardy's Channel Fisherman Co-Op         | Herring                                                         | Sea Tracker                    |
| Ichiboshi L.P.C. Ltd.                   | Snow Crab                                                       | Pese-Peche                     |
| Island Sunset Seafood Ltd.              | Snow Crab                                                       | Cheticamp Monitoring           |
| J Mac Fisheries                         | Rock Crab,                                                      | Island Weigh 95 Inc.           |
|                                         | Mackerel                                                        | Sea Tracker                    |
| JMK Fish Mart                           | Rock Crab, Mackerel                                             | Island Weigh 95 Inc.           |
| K. & K. Export Ltd.                     | Herring, Mackerel, Halibut                                      | Pese-Peche                     |
|                                         | Rock Crab                                                       | SeeFish Dockside Monitors Inc. |
| Kildare Bait & Lobster Co. Ltd.         | Herring                                                         | Sea Tracker                    |
| L&C Fisheries                           | Mackerel                                                        | Island Weigh 95 Inc.           |
| L&S Marketing Ltd.                      | Herring, Halibut, Mackerel, Snow crab                           | Island Weigh 95 Inc.           |

|                                           |                                                                           |                                |
|-------------------------------------------|---------------------------------------------------------------------------|--------------------------------|
| La Pince Rouge Inc.                       | Herring, Halibut, Mackerel, Snow crab, Cod                                | Sea Tracker                    |
| L'Assoc. Co-Op. Pecheurs l'Ile Lameque    | Halibut,                                                                  | SeeFish Dockside Monitors Inc. |
|                                           | Herring, Halibut, Snow Crab, Shrimp, Rock Crab, Snow Crab                 | Pese-Peche                     |
|                                           | Rock Crab                                                                 | SeeFish Dockside Monitors Inc. |
| Leslie Leger & Sons Ltd.                  | Herring,                                                                  | Atlantic Catch Data Ltd.       |
| Machon's Point Fishermen Co-Op            | Rock Crab, Mackerel, Herring                                              | Island Weigh 95 Inc.           |
| Maddix Seafood Connection                 | Mackerel, Rock Crab                                                       | Island Weigh 95 Inc.           |
| Macrche de Poisson M. Lanteigne           | Halibut, Herring                                                          | Pese-Peche                     |
| Maritime Select Lobster Inc.              | Snow Crab                                                                 | Island Weigh 95 Inc.           |
| McGraw Seafood Ltd.                       | Snow Crab                                                                 | Cheticamp Monitoring           |
|                                           | Snow Crab                                                                 | Island Weigh 95 Inc.           |
|                                           | snow Crab                                                                 | Pese-Peche                     |
|                                           | Snow Crab                                                                 | Sea Tracker                    |
| Milligan Fisheries Ltd.                   | Mackerel, snow Crab, Rock Crab                                            | Island Weigh 95 Inc.           |
|                                           | Rock Crab, Halibut, Mackerel, Snow Crab, Herring                          | Sea Tracker                    |
|                                           | Snow Crab                                                                 | Pese-Peche                     |
| Miscou Fish Products Inc.                 | Herring, Snow Crab                                                        | Pese-Peche                     |
| Miscou Seafood Inc.                       | Mackerel, Cod, Halibut, Herring                                           | Atlantic Catch Data Ltd.       |
| North Bay Fishermen Co-Op                 | Halibut, Mackerel                                                         | Cheticamp Monitoring           |
|                                           | Halibut                                                                   | SeeFish Dockside Monitors Inc. |
| North Lake Fisheries (2013) Inc.          | Mackerel                                                                  | Island Weigh 95 Inc.           |
|                                           | Rock Crab, Snow Crab                                                      | Sea Tracker                    |
| North Nova Seafoods Ltd.                  | Herring, Mackerel, Rock Crab, Halibut                                     | Atlantic Catch Data Ltd.       |
|                                           | Snow Crab, Halibut                                                        | Cheticamp Monitoring           |
|                                           | Rock Crab                                                                 | SeeFish Dockside Monitors Inc. |
| Northumberland Fish Co-Operative Ltd.     | Rock Crab, Herring                                                        | SeeFish Dockside Monitors Inc. |
| Oceans Delight Inc.                       | Rock Crab, Herring                                                        | Atlantic Catch Data Ltd.       |
| Oceanview Fisheries Limited               | Rock Crab                                                                 | SeeFish Dockside Monitors Inc. |
| Pecherie Ste-Cecile                       | Herring                                                                   | SeeFish Dockside Monitors Inc. |
| Pecherie Baie Chaleurs Inc.               | Snow Crab                                                                 | Cheticamp Monitoring           |
|                                           | Snow Crab                                                                 | Pese-Peche                     |
| Pecherie Belle-Ile Ltee                   | Snow Crab                                                                 | Cheticamp Monitoring           |
|                                           | Snow Crab, Herring                                                        | Pese-Peche                     |
| Pecheries Cheticamp Fisheries             | Snow Crab, Mackerel, Halibut                                              | Cheticamp Monitoring           |
| Pecheries de Chez Nous Ltee               | Halibut, Rock Crab                                                        | SeeFish Dockside Monitors Inc. |
| Pecheries Shippagan Fisheries Inc.        | Halibut                                                                   | Pese-Peche                     |
| Pecheries St. Paul (1989) Ltee            | Herring, Snow Crab                                                        | Pese-Peche                     |
| P.O. Fisheries Ltd                        | Halibut, Herring                                                          | SeeFish Dockside Monitors Inc. |
| Poirier Fish Ltd                          | Herring                                                                   | Atlantic Catch Data Ltd.       |
|                                           | Snow Crab                                                                 | Cheticamp Monitoring           |
| Poissonnerie Arseneau Fish Market         | Rock Crab                                                                 | Pese-Peche                     |
|                                           | Halibut, Rock Crab, Herring                                               | SeeFish Dockside Monitors Inc. |
| Poissonnerie Mazerolle Fish Market Inc.   | Halibut                                                                   | SeeFish Dockside Monitors Inc. |
| Premium Seafoods                          | Snow Crab                                                                 | Cheticamp Monitoring           |
| Produits Belle Baie Ltd                   | Shrimp, Herring, Halibut, Snow Crab                                       | Pese-Peche                     |
| R. C. Seafood                             | Mackerel, Halibut                                                         | Pese-Peche                     |
|                                           | Herring, Rock Crab                                                        | SeeFish Dockside Monitors Inc. |
| RBN Fisheries                             | Snow Crab                                                                 | Cheticamp Monitoring           |
| Red Cove                                  | Rock Crab                                                                 | Sea Tracker                    |
| Red Cove Seafood Products                 | Rock Crab,                                                                | Island Weigh 95 Inc.           |
| Red Rock Seafoods Ltd.                    | Mackerel, Snow Crab, Halibut                                              | Island Weigh 95 Inc.           |
|                                           | Cod, Halibut, Mackerel, Herring, Rock Crab                                | Sea Tracker                    |
|                                           | Spider / Toad Crab, Herring                                               | Island Weigh 95 Inc.           |
| Robert McCarthy                           | Snow Crab, Mackerel, Halibut, Herring, Cod                                | Island Weigh 95 Inc.           |
| Royal Star Foods Ltd / Tignish Fish. Coop | Herring, Cod, Halibut, Mackerel, Snow Crab                                | Sea Tracker                    |
|                                           | Herring                                                                   | SeeFish Dockside Monitors Inc. |
| R. W. Fisheries Ltd.                      | Mackerel, Rock Crab                                                       | Island Weigh 95 Inc.           |
| Seafood 2000                              | Mackerel, Halibut                                                         | Island Weigh 95 Inc.           |
| Shediac Lobster Shop                      | Mackerel, Halibut                                                         | Sea Tracker                    |
|                                           | Herring                                                                   | Pese-Peche                     |
| St. Thomas Fruits de mer / Seafood        | Halibut                                                                   | Pese-Peche                     |
| Stonehaven Group Ltd.                     | Rock Crab                                                                 | Sea Tracker                    |
| Summerside Seafood Supreme Inc.           | Herring                                                                   | SeeFish Dockside Monitors Inc. |
| Supplementary "B" Slips                   | Cod, Snow Crab, Halibut, American Plaice, Greysole Witch, Monkfish, White |                                |
| Victoria Co-Op Fisheries                  | Hake, Greenland Halibut / Turbo, Haddock                                  | Cheticamp Monitoring           |

## Massiera, Josiane

---

**From:** Massiera, Josiane  
**Sent:** February-11-19 11:37 AM  
**To:** Lemay, Gaëlle  
**Subject:** RE: Données sur les débarquements de homard (pour DMP)

Je me demandais si ça valait la peine, mais en regardant les données de débarquements, ils semblent qu'il y a quand même eu une bonne augmentation entre 2016 et 2017, donc je pense que oui.

D'accord pour plus tard.

Josiane

---

**From:** Lemay, Gaëlle  
**Sent:** February-11-19 11:30 AM  
**To:** Massiera, Josiane  
**Cc:** Robichaud-Hache, Melanie  
**Subject:** RE: Données sur les débarquements de homard (pour DMP)

S'aurait été plus facile de faire le tout en même temps mais ça ce fait.

Aussi, c'est un gros rapport et requiert donc l'aide du programmeur (sinon ça ralentit tous le réseau). Ça se peut donc que ce ne soit pas disponible avant plus tard cette semaine.

---

**From:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>  
**Sent:** February-11-19 11:20 AM  
**To:** Lemay, Gaëlle <[Gaelle.Lemay@dfo-mpo.gc.ca](mailto:Gaelle.Lemay@dfo-mpo.gc.ca)>  
**Cc:** Robichaud-Hache, Melanie <[Melanie.Robichaud-Hache@dfo-mpo.gc.ca](mailto:Melanie.Robichaud-Hache@dfo-mpo.gc.ca)>  
**Subject:** RE: Données sur les débarquements de homard (pour DMP)

Est-ce que ça serait long de fournir le nombre de trips et le nombre de permis par port? Les compagnies de DMC ont les données 2010-2016 mais demandait pour les données 2017.

Josiane

---

**From:** Lemay, Gaëlle  
**Sent:** February-11-19 11:09 AM  
**To:** Massiera, Josiane  
**Cc:** Robichaud-Hache, Melanie  
**Subject:** RE: Données sur les débarquements de homard (pour DMP)

Je sais, je l'ai noté. Cette information est préliminaire et n'a pas encore été validé en plein.

On peut supprimer cette rangée. Il sera important de noter à tout le monde que l'information est préliminaire et peu inclure des erreurs.

Gaëlle

---

**From:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>  
**Sent:** February-11-19 11:06 AM  
**To:** Lemay, Gaëlle <[Gaelle.Lemay@dfo-mpo.gc.ca](mailto:Gaelle.Lemay@dfo-mpo.gc.ca)>  
**Cc:** Robichaud-Hache, Melanie <[Melanie.Robichaud-Hache@dfo-mpo.gc.ca](mailto:Melanie.Robichaud-Hache@dfo-mpo.gc.ca)>  
**Subject:** RE: Données sur les débarquements de homard (pour DMP)

Merci. La ligne 33 du NB indique LFA 26A pour Miscou??  
26A NB 26611 MISCOU HARBOUR

3021 MISCOU HARBOUR ENTERPRISE INC.

---

**From:** Lemay, Gaëlle  
**Sent:** February-11-19 10:19 AM  
**To:** Massiera, Josiane  
**Cc:** Robichaud-Hache, Melanie  
**Subject:** RE: Données sur les débarquements de homard (pour DMP)

Voici

---

**From:** Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>  
**Sent:** February-11-19 8:21 AM  
**To:** Lemay, Gaëlle <Gaëlle.Lemay@dfo-mpo.gc.ca>  
**Cc:** Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>  
**Subject:** RE: Données sur les débarquements de homard (pour DMP)

Bonjour Gaëlle,  
Pourrais-tu sortir la liste des acheteurs par quai pour 2017?

Josiane

---

**From:** Lemay, Gaëlle  
**Sent:** January-31-19 10:49 AM  
**To:** Massiera, Josiane  
**Subject:** Données sur les débarquements de homard (pour DMP)

Voici les rapports qui pourraient vous donner une idée de la fréquence des débarquements par quai. J'ai aussi incluse le rapport des acheteurs par quai.

L'information 2018 n'est pas disponible (car on entre encore les données) et ajouter l'information pour 2017 demanderait de l'effort qui n'est pas nécessaire si on cherche juste à déterminer les habitudes des pêcheurs.

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Gaëlle Lemay

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Gestionnaire régionale, Division des statistiques, Services Stratégiques, Région du Golfe  
Pêches et Océans Canada/Gouvernement du Canada  
[gaëlle.lemay@dfo-mpo.gc.ca](mailto:gaëlle.lemay@dfo-mpo.gc.ca) /Tél: 506-851-7822/Télécopieur: 506-851-7732

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## Massiera, Josiane

---

**From:** Massiera, Josiane  
**Sent:** February-11-19 11:46 AM  
**To:** Dupuis, Monique  
**Subject:** FW: Number of lobster buyers per port  
**Attachments:** Preliminary-Lobster Buyers by port\_2017.xlsx

voila

---

**From:** Massiera, Josiane  
**Sent:** February-11-19 11:19 AM  
**To:** Dupuis, Monique  
**Subject:** Number of lobster buyers per port

Voici la liste des acheteurs par port (données préliminaires non validés)....est-ce que ça peut t'aider?

Josiane

---

**From:** Lemay, Gaëlle  
**Sent:** February-11-19 11:09 AM  
**To:** Massiera, Josiane  
**Cc:** Robichaud-Hache, Melanie  
**Subject:** RE: Données sur les débarquements de homard (pour DMP)

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Gaëlle

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**To:** Lemay, Gaëlle <[Gaelle.Lemay@dfo-mpo.gc.ca](mailto:Gaelle.Lemay@dfo-mpo.gc.ca)>  
**Cc:** Robichaud-Hache, Melanie <[Melanie.Robichaud-Hache@dfo-mpo.gc.ca](mailto:Melanie.Robichaud-Hache@dfo-mpo.gc.ca)>  
**Subject:** RE: Données sur les débarquements de homard (pour DMP)

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26A            NB                    26611    MISCOU HARBOUR

3021    MISCOU HARBOUR ENTERPRISE INC.

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**Subject:** RE: Données sur les débarquements de homard (pour DMP)

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**To:** Lemay, Gaëlle <[Gaelle.Lemay@dfo-mpo.gc.ca](mailto:Gaelle.Lemay@dfo-mpo.gc.ca)>  
**Cc:** Robichaud-Hache, Melanie <[Melanie.Robichaud-Hache@dfo-mpo.gc.ca](mailto:Melanie.Robichaud-Hache@dfo-mpo.gc.ca)>  
**Subject:** RE: Données sur les débarquements de homard (pour DMP)

Bonjour Gaëlle,  
Pourrais-tu sortir la liste des acheteurs par quai pour 2017?

Josiane

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Gaëlle Lemay

Regional Manager, Statistics Division, Strategic Services, Gulf Region  
Fisheries and Oceans Canada/Government of Canada  
[gaelle.lemay@dfo-mpo.gc.ca](mailto:gaelle.lemay@dfo-mpo.gc.ca)/Tel: 506-851-7822/Fax: 506-851-7732

Gestionnaire régionale, Division des statistiques, Services Stratégiques, Région du Golfe  
Pêches et Océans Canada/Gouvernement du Canada  
[gaelle.lemay@dfo-mpo.gc.ca](mailto:gaelle.lemay@dfo-mpo.gc.ca) /Tél: 506-851-7822/Télécopieur: 506-851-7732

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PRELIMINARY DATA

| Fishing Area based on Licence |    | Province of the Place Landed | Place Landed | Community Description | Buyer Code (First 4 digits) |                        | Buyer Name      |
|-------------------------------|----|------------------------------|--------------|-----------------------|-----------------------------|------------------------|-----------------|
| 23                            | NB |                              | 26307        | DALHOUSIE             | 2364                        | PECHERIES DE CHEZ NOUS | LTEE            |
| 23                            | NB |                              | 26313        | NEW MILLS             | 2364                        | PECHERIES DE CHEZ NOUS | LTEE            |
| 23                            | NB |                              | 26408        | POINTE-VERTE          | 2155                        | POISSONNERIE ARSENEAU  | FISH MARKET     |
| 23                            | NB |                              | 26410        | PETIT-ROCHER          | 2155                        | POISSONNERIE ARSENEAU  | FISH MARKET     |
| 23                            | NB |                              | 26410        | PETIT-ROCHER          | 3046                        | LES PÊCHERIES DU NORD  | LTEE            |
| 23                            | NB |                              | 26501        | CARAQUET              | 2155                        | POISSONNERIE ARSENEAU  | FISH MARKET     |
| 23                            | NB |                              | 26501        | CARAQUET              | 2464                        | K. & K. EXPORT         | LTD.            |
| 23                            | NB |                              | 26501        | CARAQUET              | 2495                        | C. K. FISH BUYER       | LTD.            |
| 23                            | NB |                              | 26501        | CARAQUET              | 3008                        | DISTRIBUTION SBNB      | LTEE            |
| 23                            | NB |                              | 26501        | CARAQUET              | 6004                        | LELIEVRE, LELIEVRE ET  | LEMOIGNAN       |
| 23                            | NB |                              | 26502        | ANSE-BLEUE            | 2464                        | K. & K. EXPORT         | LTD.            |
| 23                            | NB |                              | 26502        | ANSE-BLEUE            | 3044                        | MARCHÉ DE POISSON      | ALBERT LTÉE     |
| 23                            | NB |                              | 26505        | GRANDE-ANSE           | 2464                        | K. & K. EXPORT         | LTD.            |
| 23                            | NB |                              | 26508        | BAS CARAQUET          | 2155                        | POISSONNERIE ARSENEAU  | FISH MARKET     |
| 23                            | NB |                              | 26508        | BAS CARAQUET          | 2194                        | POISSONNERIE DES ILES  |                 |
| 23                            | NB |                              | 26508        | BAS CARAQUET          | 2464                        | K. & K. EXPORT         | LTD.            |
| 23                            | NB |                              | 26508        | BAS CARAQUET          | 3008                        | DISTRIBUTION SBNB      | LTEE            |
| 23                            | NB |                              | 26519        | STONEHAVEN            | 2342                        | MCLEAN FISH            | SHOP            |
| 23                            | NB |                              | 26519        | STONEHAVEN            | 2478                        | STONEHAVEN GROUP       | LTD.            |
| 23                            | NB |                              | 26519        | STONEHAVEN            | 2480                        | ELLIS TAKE             | OUT             |
| 23                            | NB |                              | 26519        | STONEHAVEN            | 3014                        | BARRY GROUP            | NB INC.         |
| 23                            | NB |                              | 26519        | STONEHAVEN            | 3044                        | MARCHÉ DE POISSON      | ALBERT LTÉE     |
| 23                            | NB |                              | 26519        | STONEHAVEN            | 3070                        | EAST COAST OCEAN       | PRODUCT         |
| 23                            | NB |                              | 26531        | MILLER BROOK WHARF    | 2392                        | COASTAL HARVESTERS     |                 |
| 23                            | NB |                              | 26531        | MILLER BROOK WHARF    | 3070                        | EAST COAST OCEAN       | PRODUCT         |
| 23                            | NB |                              | 26601        | LAMEQUE               | 2194                        | POISSONNERIE DES ILES  |                 |
| 23                            | NB |                              | 26608        | PETIT SHIPPAGAN       | 2431                        | LES PECHEURS UNIS      | INC             |
| 23                            | NB |                              | 26608        | PETIT SHIPPAGAN       | 2464                        | K. & K. EXPORT         | LTD.            |
| 23                            | NB |                              | 26608        | PETIT SHIPPAGAN       | 3063                        | PRODUITS MARINS        | JONES           |
| 23                            | NB |                              | 26611        | MISCOU HARBOUR        | 3008                        | DISTRIBUTION SBNB      | LTEE            |
| 23                            | NB |                              | 26611        | MISCOU HARBOUR        | 3014                        | BARRY GROUP            | NB INC.         |
| 23                            | NB |                              | 26611        | MISCOU HARBOUR        | 3021                        | MISCOU HARBOUR         | ENTERPRISE INC. |
| 23                            | NB |                              | 26611        | MISCOU HARBOUR        | 3058                        | LA PINCE ROUGE         | INC.            |
| 23                            | NB |                              | 26611        | MISCOU HARBOUR        | 6004                        | LELIEVRE, LELIEVRE ET  | LEMOIGNAN       |

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| 23                                  | NB                                 | 26616 PIGEON HILL          |                       | 2182             | L'ASSOC. CO-OP. PECHEURS L'ILE LAMEQUE |
| 23                                  | NB                                 | 26616 PIGEON HILL          |                       | 2274             | MAURICE BLANCHARD                      |
| 23                                  | NB                                 | 26616 PIGEON HILL          |                       | 2441             | LES PRODUITS HOMARENG LTEE             |
| 23                                  | NB                                 | 26616 PIGEON HILL          |                       | 2464             | K. & K. EXPORT LTD.                    |
| 23                                  | NB                                 | 26616 PIGEON HILL          |                       | 6004             | LELIEVRE, LELIEVRE ET LEMOIGNAN        |
| 23                                  | NB                                 | 26620 STE MARIE/ST.RAPHAEL |                       | 2182             | L'ASSOC. CO-OP. PECHEURS L'ILE LAMEQUE |
| 23                                  | NB                                 | 26620 STE MARIE/ST.RAPHAEL |                       | 3014             | BARRY GROUP NB INC.                    |
| 23                                  | NB                                 | 26620 STE MARIE/ST.RAPHAEL |                       | 3071             | H. PAULIN SEAFOOD INC                  |
| 23                                  | NB                                 | 26622 SAVOY LANDING        |                       | 2464             | K. & K. EXPORT LTD.                    |
| 23                                  | NB                                 | 26622 SAVOY LANDING        |                       | 2495             | C. K. FISH BUYER LTD.                  |
| 23                                  | NB                                 | 26701 SHIPPAGAN            |                       | 2201             | MARCHE DE POISSON M. LANTEIGNE         |
| 23                                  | NB                                 | 26701 SHIPPAGAN            |                       | 2464             | K. & K. EXPORT LTD.                    |
| 23                                  | NB                                 | 26701 SHIPPAGAN            |                       | 3069             | STEFF LOBSTER                          |
| 23                                  | NB                                 | 26703 INKERMAN             |                       | 2364             | PECHERIES DE CHEZ NOUS LTEE            |
| 23                                  | NB                                 | 26703 INKERMAN             |                       | 2464             | K. & K. EXPORT LTD.                    |
| 23                                  | NB                                 | 26703 INKERMAN             |                       | 3014             | BARRY GROUP NB INC.                    |
| 23                                  | NB                                 | 26714 LE GOULET            |                       | 2182             | L'ASSOC. CO-OP. PECHEURS L'ILE LAMEQUE |
| 23                                  | NB                                 | 26714 LE GOULET            |                       | 2201             | MARCHE DE POISSON M. LANTEIGNE         |
| 23                                  | NB                                 | 26714 LE GOULET            |                       | 2464             | K. & K. EXPORT LTD.                    |
| 23                                  | NB                                 | 26714 LE GOULET            |                       | 2474             | R. C. SEAFOOD                          |
| 23                                  | NB                                 | 26714 LE GOULET            |                       | 3028             | ENTREPRISES DU PHARE                   |
| 23                                  | NB                                 | 26811 TRACADIE             |                       | 2364             | PECHERIES DE CHEZ NOUS LTEE            |
| 23                                  | NB                                 | 26811 TRACADIE             |                       | 2464             | K. & K. EXPORT LTD.                    |
| 23                                  | NB                                 | 26817 VAL COMEAU           |                       | 2364             | PECHERIES DE CHEZ NOUS LTEE            |
| 23                                  | NB                                 | 26817 VAL COMEAU           |                       | 2495             | C. K. FISH BUYER LTD.                  |
| 23                                  | NB                                 | 26817 VAL COMEAU           |                       | 3014             | BARRY GROUP NB INC.                    |
| 23                                  | NB                                 | 26817 VAL COMEAU           |                       | 3058             | LA PINCE ROUGE INC.                    |
| 23                                  | NB                                 | 27003 BURNT CHURCH         |                       | 2209             | EMERY J. SAVOIE & FILS LTEE            |
| 23                                  | NB                                 | 27003 BURNT CHURCH         |                       | 3014             | BARRY GROUP NB INC.                    |
| 23                                  | NB                                 | 27008 NEGUAC               |                       | 2209             | EMERY J. SAVOIE & FILS LTEE            |
| 23                                  | NB                                 | 27008 NEGUAC               |                       | 2495             | C. K. FISH BUYER LTD.                  |
| 23                                  | NB                                 | 27008 NEGUAC               |                       | 3014             | BARRY GROUP NB INC.                    |
| 23                                  | NB                                 | 27008 NEGUAC               |                       | 3036             | JOSEPH E. CORMIER                      |
| 23                                  | NB                                 | 27013 MCEACHERN POINT      |                       | 2209             | EMERY J. SAVOIE & FILS LTEE            |
| 23                                  | NB                                 | 27013 MCEACHERN POINT      |                       | 2364             | PECHERIES DE CHEZ NOUS LTEE            |

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| 23                            | NB |                              | 27013        | MCEACHERN POINT       | 2474                        |  | R. C. SEAFOOD                           |
| 23                            | NB |                              | 27013        | MCEACHERN POINT       | 2495                        |  | C. K. FISH BUYER LTD.                   |
| 23                            | NB |                              | 27013        | MCEACHERN POINT       | 3014                        |  | BARRY GROUP NB INC.                     |
| 23                            | NB |                              | 27305        | ESCUMINAC             | 2269                        |  | BAIE STE-ANNE SEAFOOD                   |
| 23                            | NB |                              | 27305        | ESCUMINAC             | 3069                        |  | STEFF LOBSTER                           |
| 23                            | NB |                              | 27305        | ESCUMINAC             | 3072                        |  | P.O. FISHERIES LTD                      |
| 23                            | NB |                              | 27313        | BRANSFIELD            | 2364                        |  | PECHERIES DE CHEZ NOUS LTEE             |
| 25                            | NB |                              | 27504        | LOGGIECROFT           | 2233                        |  | B. A. RICHARD LTEE.                     |
| 25                            | NB |                              | 27504        | LOGGIECROFT           | 2474                        |  | R. C. SEAFOOD                           |
| 25                            | NB |                              | 27504        | LOGGIECROFT           | 3014                        |  | BARRY GROUP NB INC.                     |
| 25                            | NB |                              | 27504        | LOGGIECROFT           | 3045                        |  | MARVEN KELLY                            |
| 23                            | NB |                              | 27505        | POINT SAPIN           | 2182                        |  | L'ASSOC. CO-OP. PECHEURS L'ILE LAMEQUE  |
| 25                            | NB |                              | 27505        | POINT SAPIN           | 2182                        |  | L'ASSOC. CO-OP. PECHEURS L'ILE LAMEQUE  |
| 25                            | NB |                              | 27505        | POINT SAPIN           | 2269                        |  | BAIE STE-ANNE SEAFOOD                   |
| 25                            | NB |                              | 27505        | POINT SAPIN           | 2474                        |  | R. C. SEAFOOD                           |
| 25                            | NB |                              | 27505        | POINT SAPIN           | 3072                        |  | P.O. FISHERIES LTD                      |
| 25                            | NB |                              | 27506        | ST. LOUIS             | 2474                        |  | R. C. SEAFOOD                           |
| 25                            | NB |                              | 27507        | CAP ST. LOUIS         | 2233                        |  | B. A. RICHARD LTEE.                     |
| 25                            | NB |                              | 27507        | CAP ST. LOUIS         | 2474                        |  | R. C. SEAFOOD                           |
| 25                            | NB |                              | 27507        | CAP ST. LOUIS         | 3030                        |  | POISSONNERIE MAZEROLLE FISH MARKET INC. |
| 25                            | NB |                              | 27507        | CAP ST. LOUIS         | 3036                        |  | JOSEPH E. CORMIER                       |
| 25                            | NB |                              | 27603        | CAP LUMIERE           | 2233                        |  | B. A. RICHARD LTEE.                     |
| 25                            | NB |                              | 27603        | CAP LUMIERE           | 2474                        |  | R. C. SEAFOOD                           |
| 25                            | NB |                              | 27603        | CAP LUMIERE           | 3036                        |  | JOSEPH E. CORMIER                       |
| 25                            | NB |                              | 27603        | CAP LUMIERE           | 3073                        |  | CAP LUMIERE FISHING SUPPLIES, INC       |
| 25                            | NB |                              | 27610        | RICHIBUCTO            | 2233                        |  | B. A. RICHARD LTEE.                     |
| 25                            | NB |                              | 27610        | RICHIBUCTO            | 2277                        |  | A & R FISH BUYERS                       |
| 25                            | NB |                              | 27610        | RICHIBUCTO            | 2474                        |  | R. C. SEAFOOD                           |
| 25                            | NB |                              | 27610        | RICHIBUCTO            | 3014                        |  | BARRY GROUP NB INC.                     |
| 25                            | NB |                              | 27610        | RICHIBUCTO            | 3036                        |  | JOSEPH E. CORMIER                       |
| 25                            | NB |                              | 27612        | STE. ANNE DE KENT     | 2474                        |  | R. C. SEAFOOD                           |
| 25                            | NB |                              | 27617        | BIG COVE              | 2474                        |  | R. C. SEAFOOD                           |
| 25                            | NB |                              | 27701        | BOUCTOUCHE            | 2474                        |  | R. C. SEAFOOD                           |
| 25                            | NB |                              | 27703        | CAISSIE'S CAPE        | 2250                        |  | WESTMORLAND FISHERIES LTD.              |
| 25                            | NB |                              | 27709        | ST. EDOUARD           | 2233                        |  | B. A. RICHARD LTEE.                     |

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| 25                            | NB |                              | 27709 ST. EDOUARD              |                       | 2474                        | R. C. SEAFOOD                         |
| 25                            | NB |                              | 27712 ST. THOMAS               |                       | 2474                        | R. C. SEAFOOD                         |
| 25                            | NB |                              | 27713 COCAGNE BAR              |                       | 2246                        | CAPE BALD PACKERS LTD.                |
| 25                            | NB |                              | 27713 COCAGNE BAR              |                       | 2474                        | R. C. SEAFOOD                         |
| 25                            | NB |                              | 27717 COTE STE. ANNE/CHOCKPISH |                       | 2233                        | B. A. RICHARD LTEE.                   |
| 25                            | NB |                              | 27717 COTE STE. ANNE/CHOCKPISH |                       | 2474                        | R. C. SEAFOOD                         |
| 25                            | NB |                              | 27717 COTE STE. ANNE/CHOCKPISH |                       | 3073                        | CAP LUMIERE FISHING SUPPLIES, INC     |
| 25                            | NB |                              | 27807 BAS CAP PELE             |                       | 2246                        | CAPE BALD PACKERS LTD.                |
| 25                            | NB |                              | 27807 BAS CAP PELE             |                       | 2250                        | WESTMORLAND FISHERIES LTD.            |
| 25                            | NB |                              | 27808 POINTE DU CHENE          |                       | 2244                        | SHEDIAC LOBSTER SHOP LTD.             |
| 25                            | NB |                              | 27809 ROBICHAUD                |                       | 2246                        | CAPE BALD PACKERS LTD.                |
| 25                            | NB |                              | 27812 ABOUJAGANE               |                       | 2246                        | CAPE BALD PACKERS LTD.                |
| 25                            | NB |                              | 27821 ABOITEAU                 |                       | 2246                        | CAPE BALD PACKERS LTD.                |
| 25                            | NB |                              | 27821 ABOITEAU                 |                       | 2250                        | WESTMORLAND FISHERIES LTD.            |
| 25                            | NB |                              | 28003 CAPE TORMENTINE          |                       | 2244                        | SHEDIAC LOBSTER SHOP LTD.             |
| 25                            | NB |                              | 28003 CAPE TORMENTINE          |                       | 2603                        | B & C SHELLFISH INC.                  |
| 25                            | NB |                              | 28007 PETIT CAP                |                       | 2246                        | CAPE BALD PACKERS LTD.                |
| 25                            | NB |                              | 28007 PETIT CAP                |                       | 2250                        | WESTMORLAND FISHERIES LTD.            |
| 25                            | NB |                              | 28007 PETIT CAP                |                       | 2361                        | PIER 99 PRODUCTS LTD. (REGIS CORMIER) |
| 25                            | NB |                              | 28015 BOTSFORD                 |                       | 2027                        | CHASE'S LOBSTER LTD                   |
| 25                            | NB |                              | 28015 BOTSFORD                 |                       | 2244                        | SHEDIAC LOBSTER SHOP LTD.             |
| 25                            | NB |                              | 28015 BOTSFORD                 |                       | 2603                        | B & C SHELLFISH INC.                  |

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| 25                            | PE                           | 38207        | HOWARD'S COVE         | 2509                        | MADDIX SEAFOOD CONNECTION                |
| 25                            | PE                           | 38207        | HOWARD'S COVE         | 2649                        | ARSENAULT FISH MART INC.                 |
| 25                            | PE                           | 38207        | HOWARD'S COVE         | 2832                        | ACADIAN SUPREME INC                      |
| 25                            | PE                           | 38208        | MIMINEGASH            | 2544                        | ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP |
| 25                            | PE                           | 38208        | MIMINEGASH            | 2608                        | L & S MARKETING LTD.                     |
| 25                            | PE                           | 38208        | MIMINEGASH            | 2816                        | RED COVE SEAFOOD PRODUCTS                |
| 25                            | PE                           | 38208        | MIMINEGASH            | 2832                        | ACADIAN SUPREME INC                      |
| 25                            | PE                           | 38215        | SKINNER'S POND        | 2544                        | ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP |
| 25                            | PE                           | 38215        | SKINNER'S POND        | 2608                        | L & S MARKETING LTD.                     |
| 25                            | PE                           | 38215        | SKINNER'S POND        | 2816                        | RED COVE SEAFOOD PRODUCTS                |
| 25                            | PE                           | 38215        | SKINNER'S POND        | 2831                        | MARITIME SELECT LOBSTER INC              |
| 25                            | PE                           | 38218        | WEST POINT            | 2501                        | HOWARD'S COVE SEAFOODS                   |
| 25                            | PE                           | 38218        | WEST POINT            | 2509                        | MADDIX SEAFOOD CONNECTION                |
| 25                            | PE                           | 38218        | WEST POINT            | 2544                        | ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP |
| 25                            | PE                           | 38218        | WEST POINT            | 2816                        | RED COVE SEAFOOD PRODUCTS                |
| 25                            | PE                           | 38218        | WEST POINT            | 2832                        | ACADIAN SUPREME INC                      |
| 25                            | PE                           | 38219        | WEST CAPE             | 2832                        | ACADIAN SUPREME INC                      |
| 25                            | PE                           | 38302        | BORDEN                | 2649                        | ARSENAULT FISH MART INC.                 |
| 26A                           | PE                           | 38302        | BORDEN                | 2793                        | BY THE WATER SHELLFISH                   |
| 25                            | PE                           | 38302        | BORDEN                | 2793                        | BY THE WATER SHELLFISH                   |
| 25                            | PE                           | 38303        | CAPE EGMONT           | 2649                        | ARSENAULT FISH MART INC.                 |
| 25                            | PE                           | 38303        | CAPE EGMONT           | 2832                        | ACADIAN SUPREME INC                      |
| 25                            | PE                           | 38305        | EGMONT BAY            | 2649                        | ARSENAULT FISH MART INC.                 |
| 25                            | PE                           | 38305        | EGMONT BAY            | 2832                        | ACADIAN SUPREME INC                      |
| 25                            | PE                           | 38306        | HIGGINS WHARF         | 2649                        | ARSENAULT FISH MART INC.                 |
| 25                            | PE                           | 38306        | HIGGINS WHARF         | 2832                        | ACADIAN SUPREME INC                      |
| 25                            | PE                           | 38310        | SUMMERSIDE            | 2649                        | ARSENAULT FISH MART INC.                 |
| 26A                           | PE                           | 38505        | NINE MILE CREEK       | 2511                        | MACCORMACKS SEAFOOD & PRODUCE 1985 LTD.  |
| 26A                           | PE                           | 38505        | NINE MILE CREEK       | 2551                        | FRENCH RIVER CANNERY LTD.                |
| 26A                           | PE                           | 38505        | NINE MILE CREEK       | 2562                        | CAVENDISH SEAFOODS INC.                  |
| 26A                           | PE                           | 38505        | NINE MILE CREEK       | 2649                        | ARSENAULT FISH MART INC.                 |
| 26A                           | PE                           | 38507        | VICTORIA              | 2511                        | MACCORMACKS SEAFOOD & PRODUCE 1985 LTD.  |

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| 26A                           | PE                           | 38507        | VICTORIA              | 2793                        | BY THE WATER SHELLFISH           |
| 26A                           | PE                           | 38608        | PINETTE               | 2768                        | WATER PRINCE CORNER SHOP         |
| 26A                           | PE                           | 38608        | PINETTE               | 2829                        | SEA'N'SEA                        |
| 26A                           | PE                           | 38614        | WOOD ISLAND           | 2514                        | BELLE RIVER ENTERPRISES          |
| 26A                           | PE                           | 38614        | WOOD ISLAND           | 2570                        | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38614        | WOOD ISLAND           | 2812                        | NORTH LAKE FISHERIES (2013) INC. |
| 26A                           | PE                           | 38615        | MACAULAYS WHARF       | 2570                        | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38701        | BEACH POINT           | 2021                        | LOVE ME FISH & LOBSTER INC.      |
| 26A                           | PE                           | 38701        | BEACH POINT           | 2545                        | MILLIGAN FISHERIES LTD.          |
| 26A                           | PE                           | 38701        | BEACH POINT           | 2570                        | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38701        | BEACH POINT           | 2795                        | ROBERT MCCARTHY                  |
| 26A                           | PE                           | 38701        | BEACH POINT           | 2812                        | NORTH LAKE FISHERIES (2013) INC. |
| 24                            | PE                           | 38701        | BEACH POINT           | 2812                        | NORTH LAKE FISHERIES (2013) INC. |
| 26A                           | PE                           | 38701        | BEACH POINT           | 2821                        | BRADLEY MACKAY                   |
| 26A                           | PE                           | 38701        | BEACH POINT           | 2822                        | CURTIS BUTLER                    |
| 26A                           | PE                           | 38701        | BEACH POINT           | 2823                        | DEAN LIVINGSTONE                 |
| 26A                           | PE                           | 38701        | BEACH POINT           | 2824                        | JEFF WHITE                       |
| 26A                           | PE                           | 38701        | BEACH POINT           | 2825                        | KENT CLEMENTS                    |
| 26A                           | PE                           | 38701        | BEACH POINT           | 2827                        | RICHARD WHITE                    |
| 26A                           | PE                           | 38701        | BEACH POINT           | 2834                        | WHY KNOT GIT R DUN ENTERPRISES   |
| 26A                           | PE                           | 38701        | BEACH POINT           | 2838                        | RED ROCK SEAFOODS LTD.           |
| 26A                           | PE                           | 38706        | GEORGETOWN            | 2638                        | SEAFOOD 2000                     |
| 24                            | PE                           | 38706        | GEORGETOWN            | 2813                        | ANNANDALE FISHERIES              |
| 26A                           | PE                           | 38706        | GEORGETOWN            | 2813                        | ANNANDALE FISHERIES              |
| 26A                           | PE                           | 38707        | LAUNCHING             | 2021                        | LOVE ME FISH & LOBSTER INC.      |
| 26A                           | PE                           | 38707        | LAUNCHING             | 2570                        | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38707        | LAUNCHING             | 2603                        | B & C SHELLFISH INC.             |
| 26A                           | PE                           | 38707        | LAUNCHING             | 2638                        | SEAFOOD 2000                     |
| 26A                           | PE                           | 38707        | LAUNCHING             | 2789                        | COLVILLE BAY OYSTER CO. LTD.     |
| 26A                           | PE                           | 38707        | LAUNCHING             | 2795                        | ROBERT MCCARTHY                  |
| 26A                           | PE                           | 38709        | LOWER MONTAGUE        | 2603                        | B & C SHELLFISH INC.             |



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| 26A                           | PE                           | 38710        | MONTAGUE              | 2570                        | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38710        | MONTAGUE              | 2603                        | B & C SHELLFISH INC.             |
| 26A                           | PE                           | 38714        | NEWPORT               | 2638                        | SEAFOOD 2000                     |
| 26A                           | PE                           | 38716        | STURGEON              | 2570                        | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38720        | GRAHAM'S POND         | 2545                        | MILLIGAN FISHERIES LTD.          |
| 26A                           | PE                           | 38720        | GRAHAM'S POND         | 2570                        | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38720        | GRAHAM'S POND         | 2603                        | B & C SHELLFISH INC.             |
| 26A                           | PE                           | 38720        | GRAHAM'S POND         | 2638                        | SEAFOOD 2000                     |
| 26A                           | PE                           | 38720        | GRAHAM'S POND         | 2795                        | ROBERT MCCARTHY                  |
| 26A                           | PE                           | 38735        | MACHON POINT          | 2570                        | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38738        | MINK RIVER            | 2603                        | B & C SHELLFISH INC.             |
| 26A                           | PE                           | 38738        | MINK RIVER            | 2795                        | ROBERT MCCARTHY                  |
| 24                            | PE                           | 38801        | SOURIS                | 2021                        | LOVE ME FISH & LOBSTER INC.      |
| 26A                           | PE                           | 38801        | SOURIS                | 2021                        | LOVE ME FISH & LOBSTER INC.      |
| 26A                           | PE                           | 38801        | SOURIS                | 2032                        | SEABRIGHT FISHERIES LTD.         |
| 24                            | PE                           | 38801        | SOURIS                | 2244                        | SHEDIAC LOBSTER SHOP LTD.        |
| 26A                           | PE                           | 38801        | SOURIS                | 2244                        | SHEDIAC LOBSTER SHOP LTD.        |
| 26A                           | PE                           | 38801        | SOURIS                | 2638                        | SEAFOOD 2000                     |
| 26A                           | PE                           | 38801        | SOURIS                | 2812                        | NORTH LAKE FISHERIES (2013) INC. |
| 26A                           | PE                           | 38801        | SOURIS                | 2813                        | ANNANDALE FISHERIES              |
| 26A                           | PE                           | 38802        | ANNANDALE             | 2570                        | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38802        | ANNANDALE             | 2603                        | B & C SHELLFISH INC.             |
| 26A                           | PE                           | 38802        | ANNANDALE             | 2789                        | COLVILLE BAY OYSTER CO. LTD.     |
| 24                            | PE                           | 38802        | ANNANDALE             | 2813                        | ANNANDALE FISHERIES              |
| 26A                           | PE                           | 38802        | ANNANDALE             | 2813                        | ANNANDALE FISHERIES              |
| 26A                           | PE                           | 38813        | FORTUNE               | 2515                        | MACKINNON'S LOBSTER POUND        |
| 26A                           | PE                           | 38813        | FORTUNE               | 2545                        | MILLIGAN FISHERIES LTD.          |
| 26A                           | PE                           | 38813        | FORTUNE               | 2603                        | B & C SHELLFISH INC.             |
| 26A                           | PE                           | 38813        | FORTUNE               | 2812                        | NORTH LAKE FISHERIES (2013) INC. |
| 24                            | PE                           | 38819        | NAUFRAGE              | 2244                        | SHEDIAC LOBSTER SHOP LTD.        |
| 24                            | PE                           | 38819        | NAUFRAGE              | 2545                        | MILLIGAN FISHERIES LTD.          |

| Fishing Area based on Licence | Province of the Place Landed | Place Landed | Community Description | Buyer Code (First 4 digits) | Buyer Name                               |
|-------------------------------|------------------------------|--------------|-----------------------|-----------------------------|------------------------------------------|
| 24                            | PE                           | 38819        | NAUFRAGE              | 2570                        | MACHON'S POINT FISHERMEN CO-OP           |
| 24                            | PE                           | 38819        | NAUFRAGE              | 2603                        | B & C SHELLFISH INC.                     |
| 24                            | PE                           | 38819        | NAUFRAGE              | 2638                        | SEAFOOD 2000                             |
| 24                            | PE                           | 38819        | NAUFRAGE              | 2789                        | COLVILLE BAY OYSTER CO. LTD.             |
| 24                            | PE                           | 38819        | NAUFRAGE              | 2795                        | ROBERT MCCARTHY                          |
| 24                            | PE                           | 38819        | NAUFRAGE              | 2812                        | NORTH LAKE FISHERIES (2013) INC.         |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2032                        | SEABRIGHT FISHERIES LTD.                 |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2244                        | SHEDIAC LOBSTER SHOP LTD.                |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2545                        | MILLIGAN FISHERIES LTD.                  |
| 26A                           | PE                           | 38820        | NORTH LAKE            | 2570                        | MACHON'S POINT FISHERMEN CO-OP           |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2570                        | MACHON'S POINT FISHERMEN CO-OP           |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2638                        | SEAFOOD 2000                             |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2789                        | COLVILLE BAY OYSTER CO. LTD.             |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2795                        | ROBERT MCCARTHY                          |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2812                        | NORTH LAKE FISHERIES (2013) INC.         |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2813                        | ANNANDALE FISHERIES                      |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2818                        | BASIN VIEW SEAFOODS INC.                 |
| 24                            | PE                           | 38821        | RED HEAD              | 2021                        | LOVE ME FISH & LOBSTER INC.              |
| 24                            | PE                           | 38821        | RED HEAD              | 2032                        | SEABRIGHT FISHERIES LTD.                 |
| 24                            | PE                           | 38821        | RED HEAD              | 2244                        | SHEDIAC LOBSTER SHOP LTD.                |
| 24                            | PE                           | 38821        | RED HEAD              | 2545                        | MILLIGAN FISHERIES LTD.                  |
| 24                            | PE                           | 38821        | RED HEAD              | 2812                        | NORTH LAKE FISHERIES (2013) INC.         |
| 24                            | PE                           | 38821        | RED HEAD              | 2603                        | B & C SHELLFISH INC.                     |
| 24                            | PE                           | 38824        | SAVAGE HARBOUR        | 2638                        | SEAFOOD 2000                             |
| 24                            | PE                           | 38824        | SAVAGE HARBOUR        | 2784                        | SAVAGE HARBOUR FISHERIES SERVICE INC.    |
| 24                            | PE                           | 38824        | SAVAGE HARBOUR        | 2604                        | HARDY'S CHANNEL FISHERMAN CO-OP          |
| 24                            | PE                           | 39207        | ELMSDALE              | 2544                        | ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP |
| 24                            | PE                           | 39212        | SEACOW POND           | 2544                        | ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP |
| 25                            | PE                           | 39212        | SEACOW POND           | 2608                        | L & S MARKETING LTD.                     |
| 25                            | PE                           | 39212        | SEACOW POND           | 2608                        | L & S MARKETING LTD.                     |
| 24                            | PE                           | 39212        | SEACOW POND           | 2812                        | NORTH LAKE FISHERIES (2013) INC.         |
| 25                            | PE                           | 39212        | SEACOW POND           |                             |                                          |

| Fishing Area based on Licence | Province of the Place Landed | Place Landed | Community Description | Buyer Code (First 4 digits) | Buyer Name                               |
|-------------------------------|------------------------------|--------------|-----------------------|-----------------------------|------------------------------------------|
| 25                            | PE                           | 39214        | TIGNISH RUN           | 2544                        | ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP |
| 24                            | PE                           | 39214        | TIGNISH RUN           | 2544                        | ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP |
| 24                            | PE                           | 39214        | TIGNISH RUN           | 2608                        | L & S MARKETING LTD.                     |
| 24                            | PE                           | 39230        | NORTHPORT             | 2546                        | ALBERTON FISHERIES LTD.                  |
| 24                            | PE                           | 39230        | NORTHPORT             | 2608                        | L & S MARKETING LTD.                     |
| 24                            | PE                           | 39230        | NORTHPORT             | 2816                        | RED COVE SEAFOOD PRODUCTS                |
| 24                            | PE                           | 39230        | NORTHPORT             | 2831                        | MARITIME SELECT LOBSTER INC              |
| 24                            | PE                           | 39306        | DARNLEY               | 2509                        | MADDIX SEAFOOD CONNECTION                |
| 24                            | PE                           | 39306        | DARNLEY               | 2649                        | ARSENAULT FISH MART INC.                 |
| 24                            | PE                           | 39306        | DARNLEY               | 2818                        | BASIN VIEW SEAFOODS INC.                 |
| 24                            | PE                           | 39307        | ELLERSLIE             | 2604                        | HARDY'S CHANNEL FISHERMAN CO-OP          |
| 24                            | PE                           | 39312        | MALPEQUE              | 2509                        | MADDIX SEAFOOD CONNECTION                |
| 24                            | PE                           | 39312        | MALPEQUE              | 2549                        | CABOT FISHERMEN'S / MALPEQUE FISH CO-OP  |
| 24                            | PE                           | 39312        | MALPEQUE              | 2640                        | BLUE HERON SEAFOODS                      |
| 24                            | PE                           | 39312        | MALPEQUE              | 2818                        | BASIN VIEW SEAFOODS INC.                 |
| 24                            | PE                           | 39328        | LENNOX ISLAND         | 2649                        | ARSENAULT FISH MART INC.                 |
| 24                            | PE                           | 39328        | LENNOX ISLAND         | 2773                        | FISHERMAN'S PRIDE                        |
| 24                            | PE                           | 39340        | MILLIGAN'S WHARF      | 2604                        | HARDY'S CHANNEL FISHERMAN CO-OP          |
| 24                            | PE                           | 39340        | MILLIGAN'S WHARF      | 2649                        | ARSENAULT FISH MART INC.                 |
| 24                            | PE                           | 39340        | MILLIGAN'S WHARF      | 2812                        | NORTH LAKE FISHERIES (2013) INC.         |
| 24                            | PE                           | 39340        | MILLIGAN'S WHARF      | 2831                        | MARITIME SELECT LOBSTER INC              |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2509                        | MADDIX SEAFOOD CONNECTION                |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2514                        | BELLE RIVER ENTERPRISES                  |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2551                        | FRENCH RIVER CANNERY LTD.                |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2555                        | L & C FISHERIES                          |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2603                        | B & C SHELLFISH INC.                     |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2649                        | ARSENAULT FISH MART INC.                 |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2794                        | JMK FISH MART                            |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2818                        | BASIN VIEW SEAFOODS INC.                 |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2837                        | J MAC FISHERIES                          |
| 24                            | PE                           | 39504        | NORTH RUSTICO         | 2514                        | BELLE RIVER ENTERPRISES                  |

| Fishing Area<br>based on<br>Licence | Province of<br>the Place<br>Landed | Place Landed | Community Description | Buyer Code<br>(First 4 digits) | Buyer Name                            |
|-------------------------------------|------------------------------------|--------------|-----------------------|--------------------------------|---------------------------------------|
| 24                                  | PE                                 | 39504        | NORTH RUSTICO         | 2553                           | DOIRON FISHERIES                      |
| 24                                  | PE                                 | 39504        | NORTH RUSTICO         | 2562                           | CAVENDISH SEAFOODS INC.               |
| 24                                  | PE                                 | 39504        | NORTH RUSTICO         | 2649                           | ARSENAULT FISH MART INC.              |
| 25                                  | PE                                 | 39504        | NORTH RUSTICO         | 2649                           | ARSENAULT FISH MART INC.              |
| 24                                  | PE                                 | 39504        | NORTH RUSTICO         | 2818                           | BASIN VIEW SEAFOODS INC.              |
| 24                                  | PE                                 | 39505        | PARK CORNER           | 2551                           | FRENCH RIVER CANNERY LTD.             |
| 24                                  | PE                                 | 39507        | STANLEY BRIDGE        | 2649                           | ARSENAULT FISH MART INC.              |
| 24                                  | PE                                 | 39510        | NEW LONDON            | 2649                           | ARSENAULT FISH MART INC.              |
| 24                                  | PE                                 | 39602        | COVEHEAD              | 2562                           | CAVENDISH SEAFOODS INC.               |
| 24                                  | PE                                 | 39602        | COVEHEAD              | 2812                           | NORTH LAKE FISHERIES (2013) INC.      |
| 24                                  | PE                                 | 39606        | TRACADIE              | 2562                           | CAVENDISH SEAFOODS INC.               |
| 24                                  | PE                                 | 39606        | TRACADIE              | 2638                           | SEAFOOD 2000                          |
| 24                                  | PE                                 | 39606        | TRACADIE              | 2784                           | SAVAGE HARBOUR FISHERIES SERVICE INC. |

| Fishing Area based on Licence | Province of the Place Landed | Place Landed | Community Description  | Buyer Code (First 4 digits) | Buyer Name                         |
|-------------------------------|------------------------------|--------------|------------------------|-----------------------------|------------------------------------|
| 26B                           | NS                           | 10201        | CHETICAMP              | 2026                        | POIRIER FISH LTD                   |
| 26B                           | NS                           | 10201        | CHETICAMP              | 2103                        | PECHERIES CHETICAMP FISHERIES      |
| 26B                           | NS                           | 10201        | CHETICAMP              | 2246                        | CAPE BALD PACKERS LTD. (CHETICAMP) |
| 26B                           | NS                           | 10208        | GRAND ETANG            | 2026                        | POIRIER FISH LTD                   |
| 26B                           | NS                           | 10208        | GRAND ETANG            | 2103                        | PECHERIES CHETICAMP FISHERIES      |
| 26B                           | NS                           | 10208        | GRAND ETANG            | 2246                        | CAPE BALD PACKERS LTD. (CHETICAMP) |
| 26B                           | NS                           | 10208        | GRAND ETANG            | 4596                        | BALLAST GROUNDS FISHERIES          |
| 26B                           | NS                           | 10212        | MARGAREE HARBOUR       | 2095                        | ISLAND SUNSET SEAFOOD LTD.         |
| 26B                           | NS                           | 10212        | MARGAREE HARBOUR       | 2103                        | PECHERIES CHETICAMP FISHERIES      |
| 26B                           | NS                           | 10212        | MARGAREE HARBOUR       | 4596                        | BALLAST GROUNDS FISHERIES          |
| 26B                           | NS                           | 10214        | PLEASANT BAY           | 2103                        | PECHERIES CHETICAMP FISHERIES      |
| 26B                           | NS                           | 10214        | PLEASANT BAY           | 2246                        | CAPE BALD PACKERS LTD. (CHETICAMP) |
| 26B                           | NS                           | 10306        | FINLAY POINT           | 2007                        | CEILIDH FISHERMEN CO-OP            |
| 26B                           | NS                           | 10306        | FINLAY POINT           | 2095                        | ISLAND SUNSET SEAFOOD LTD.         |
| 26B                           | NS                           | 10308        | INVERNESS              | 2095                        | ISLAND SUNSET SEAFOOD LTD.         |
| 26B                           | NS                           | 10308        | INVERNESS              | 2246                        | CAPE BALD PACKERS LTD. (CHETICAMP) |
| 26B                           | NS                           | 10308        | INVERNESS              | 4596                        | BALLAST GROUNDS FISHERIES          |
| 26B                           | NS                           | 10313        | LITTLE JUDIQUE HARBOUR | 2007                        | CEILIDH FISHERMEN CO-OP            |
| 26B                           | NS                           | 10314        | LITTLE JUDIQUE PONDS   | 2007                        | CEILIDH FISHERMEN CO-OP            |
| 26B                           | NS                           | 10319        | MABOU HARBOUR          | 2007                        | CEILIDH FISHERMEN CO-OP            |
| 26B                           | NS                           | 10324        | MURPHY'S POND          | 2007                        | CEILIDH FISHERMEN CO-OP            |
| 26B                           | NS                           | 10324        | MURPHY'S POND          | 4596                        | BALLAST GROUNDS FISHERIES          |
| 26B                           | NS                           | 10330        | PORT HOOD              | 4847                        | RBN FISHERIES                      |
| 26B                           | NS                           | 10341        | BAXTER'S COVE          | 2007                        | CEILIDH FISHERMEN CO-OP            |
| 26B                           | NS                           | 10341        | BAXTER'S COVE          | 4847                        | RBN FISHERIES                      |
| 26A                           | NS                           | 11001        | BARRACHOIS             | 2041                        | NORTH NOVA SEAFOODS LTD.           |
| 26A                           | NS                           | 11001        | BARRACHOIS             | 2091                        | CAPE JOHN CRAB & SEAFOOD LTD.      |
| 26A                           | NS                           | 11001        | BARRACHOIS             | 2094                        | AQUASHELL INC.                     |
| 26A                           | NS                           | 11102        | CARIBOU/FERRY WHARF    | 2041                        | NORTH NOVA SEAFOODS LTD.           |
| 26A                           | NS                           | 11102        | CARIBOU/FERRY WHARF    | 2043                        | JAMES GUNNING LYON'S LOBSTER POT   |
| 26A                           | NS                           | 11102        | CARIBOU/FERRY WHARF    | 2091                        | CAPE JOHN CRAB & SEAFOOD LTD.      |
| 26A                           | NS                           | 11102        | CARIBOU/FERRY WHARF    | 2108                        | ARISAIG FISHERIES (2012)           |

| Fishing Area based on Licence | Province of the Place Landed | Place Landed | Community Description | Buyer Code (First 4 digits) | Buyer Name                            |
|-------------------------------|------------------------------|--------------|-----------------------|-----------------------------|---------------------------------------|
| 26A                           | NS                           | 11102        | CARIBOU/FERRY WHARF   | 2109                        | L.A.K.                                |
| 26A                           | NS                           | 11102        | CARIBOU/FERRY WHARF   | 5383                        | WEDGEPORT LOBSTERS LTD.               |
| 26A                           | NS                           | 11111        | CAPE JOHN             | 2041                        | NORTH NOVA SEAFOODS LTD.              |
| 26A                           | NS                           | 11111        | CAPE JOHN             | 2088                        | NORTHUMBERLAND FISH CO-OPERATIVE LTD. |
| 26A                           | NS                           | 11111        | CAPE JOHN             | 2091                        | CAPE JOHN CRAB & SEAFOOD LTD.         |
| 26A                           | NS                           | 11111        | CAPE JOHN             | 2108                        | ARISAIG FISHERIES (2012)              |
| 26A                           | NS                           | 11113        | TONEY RIVER           | 2043                        | JAMES GUNNING LYON'S LOBSTER POT      |
| 26A                           | NS                           | 11113        | TONEY RIVER           | 2088                        | NORTHUMBERLAND FISH CO-OPERATIVE LTD. |
| 26A                           | NS                           | 11113        | TONEY RIVER           | 5383                        | WEDGEPORT LOBSTERS LTD.               |
| 26A                           | NS                           | 11115        | SKINNER'S COVE        | 2041                        | NORTH NOVA SEAFOODS LTD.              |
| 26A                           | NS                           | 11115        | SKINNER'S COVE        | 2088                        | NORTHUMBERLAND FISH CO-OPERATIVE LTD. |
| 26A                           | NS                           | 11115        | SKINNER'S COVE        | 2091                        | CAPE JOHN CRAB & SEAFOOD LTD.         |
| 26A                           | NS                           | 11116        | LOGAN'S POINT         | 2041                        | NORTH NOVA SEAFOODS LTD.              |
| 26A                           | NS                           | 11125        | PICTOU ISLAND WEST    | 2041                        | NORTH NOVA SEAFOODS LTD.              |
| 26A                           | NS                           | 11201        | BIG ISLAND            | 2108                        | ARISAIG FISHERIES (2012)              |
| 26A                           | NS                           | 11202        | LISMORE               | 2108                        | ARISAIG FISHERIES (2012)              |
| 26A                           | NS                           | 11203        | LITTLE HARBOUR        | 2041                        | NORTH NOVA SEAFOODS LTD.              |
| 26A                           | NS                           | 11203        | LITTLE HARBOUR        | 2108                        | ARISAIG FISHERIES (2012)              |
| 26A                           | NS                           | 11207        | PICTOU LANDING        | 2041                        | NORTH NOVA SEAFOODS LTD.              |
| 26A                           | NS                           | 11207        | PICTOU LANDING        | 2108                        | ARISAIG FISHERIES (2012)              |
| 26A                           | NS                           | 11303        | ARISAIG               | 2108                        | ARISAIG FISHERIES (2012)              |
| 26A                           | NS                           | 11304        | BALLANTYNE'S COVE     | 2016                        | NORTH BAY FISHERMEN CO-OP             |
| 26A                           | NS                           | 11304        | BALLANTYNE'S COVE     | 2017                        | ARISAIG FISHERIES LTD.                |
| 26A                           | NS                           | 11304        | BALLANTYNE'S COVE     | 2108                        | ARISAIG FISHERIES (2012)              |
| 26A                           | NS                           | 11304        | BALLANTYNE'S COVE     | 4299                        | QUALITY SEAFOODS LTD.                 |
| 26A                           | NS                           | 11305        | BAYFIELD              | 2016                        | NORTH BAY FISHERMEN CO-OP             |
| 26A                           | NS                           | 11305        | BAYFIELD              | 2109                        | L.A.K.                                |
| 26A                           | NS                           | 11308        | HAVRE BOUCHER         | 4847                        | RBN FISHERIES                         |
| 26A                           | NS                           | 11311        | LIVINGSTONE'S COVE    | 2016                        | NORTH BAY FISHERMEN CO-OP             |
| 26A                           | NS                           | 11311        | LIVINGSTONE'S COVE    | 2108                        | ARISAIG FISHERIES (2012)              |
| 26A                           | NS                           | 11318        | TRACADIE              | 2109                        | L.A.K.                                |

| Fishing Area based on Licence |    | Province of the Place Landed | Place Landed | Community Description | Buyer Code (First 4 digits) | Buyer Name                |
|-------------------------------|----|------------------------------|--------------|-----------------------|-----------------------------|---------------------------|
| 26A                           | NS |                              | 11320        | BARRIOS BEACH         | 2109                        | L.A.K.                    |
| 26A                           | NS |                              | 11320        | BARRIOS BEACH         | 4847                        | RBN FISHERIES             |
| 26A                           | NS |                              | 11321        | CRIBBENS POINT        | 2016                        | NORTH BAY FISHERMEN CO-OP |
| 26A                           | NS |                              | 11321        | CRIBBENS POINT        | 2108                        | ARISAIG FISHERIES (2012)  |
| 26B                           | NS |                              | 11402        | AULD'S COVE           | 2093                        | BST LOBSTER SALES LTD.    |
| 26B                           | NS |                              | 11402        | AULD'S COVE           | 4847                        | RBN FISHERIES             |
| 25                            | NS |                              | 14502        | NORTHPORT             | 2094                        | AQUASHELL INC.            |
| 25                            | NS |                              | 14505        | PUGWASH               | 2027                        | CHASE'S LOBSTER LTD       |
| 26A                           | NS |                              | 14505        | PUGWASH               | 2027                        | CHASE'S LOBSTER LTD       |
| 26A                           | NS |                              | 14505        | PUGWASH               | 2094                        | AQUASHELL INC.            |
| 25                            | NS |                              | 14505        | PUGWASH               | 5104                        | ABUPTIC LOBSTER LTD.      |
| 26A                           | NS |                              | 14604        | MALAGASH              | 2094                        | AQUASHELL INC.            |
| 26A                           | NS |                              | 14607        | WALLACE               | 2027                        | CHASE'S LOBSTER LTD       |
| 26A                           | NS |                              | 14607        | WALLACE               | 2094                        | AQUASHELL INC.            |

## Massiera, Josiane

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**From:** Massiera, Josiane  
**Sent:** February-14-19 2:20 PM  
**To:** Comeau, Sandra J; Dupuis, Monique  
**Subject:** RE: PVQ homard à l'ordre du jour de la réunion du PVQ annuelle

Si on en parle à la réunion, ça devrait pas être long...tu peux mettre 15 minutes...on devrait en savoir plus bientôt.  
Josiane

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**From:** Comeau, Sandra J  
**Sent:** February-14-19 2:03 PM  
**To:** Dupuis, Monique; Massiera, Josiane  
**Subject:** RE: PVQ homard à l'ordre du jour de la réunion du PVQ annuelle

Bonjour Monique,

Je vais laisser Josiane te répondre puisqu'elle travaille sur l'approbation de notre projet de PVQ du homard. Si on l'ajoute à l'ordre du jour, je peux le présenter à la réunion.

Pour le secteur ENB, je propose d'ajouter le projet pilote du crabe commun (pour les ports de Pointe Verte et Petit Rocher) et le hareng de printemps (16B – 25% PVQ pour certains quais) à l'ordre du jour SVP. On peut en discuter.

Merci.

***Sandra Comeau***  
*Ressource Management / Gestion de la ressource*  
*Téléphone / Téléphone 506-395-7765*

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**From:** Dupuis, Monique <[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca)>  
**Sent:** February-12-19 11:40 AM  
**To:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>  
**Cc:** Comeau, Sandra J <[Sandra.Comeau@dfo-mpo.gc.ca](mailto:Sandra.Comeau@dfo-mpo.gc.ca)>  
**Subject:** PVQ homard à l'ordre du jour de la réunion du PVQ annuelle

Allo Josiane,  
Je sais que tu ne seras pas présente à la réunion annuelle du PVQ le 6 mars prochain mais est-ce que tu voudrais ajouter ce point de discussion à l'ordre du jour ? Si oui, est-ce que Sandra peut en discuter ? Finalement, je prévois combien de temps pour le sujet ?

Merci et bonne journée !  
Monique

Monique Dupuis  
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection  
Fisheries and Oceans – Gulf Region/Government of Canada  
[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca) / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection  
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada



Monique.Dupuis@dfo-mpo.gc.ca / Téléphone: 506-851-6214 / Fax: 506-851-2504

## Massiera, Josiane

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**From:** Massiera, Josiane  
**Sent:** January-31-19 4:18 PM  
**To:** LeBlanc, Carole L  
**Subject:** RE: Proposal clarifications

For Gulf 3-04 Catch monitoring-Southern Gulf Lobster (LFA 23, 24, 25, 26A and 26B):

Please verify if this is the same 3-year project as GULF2-01 (project description is the same) and this is the final year (YR3)?

Yes it is the same project as GULF2-01, and it is not the final year. If Year 3 is successful, we would continue to implement (potentially by cost-sharing cost with industry Dockside monitoring at a larger scale than in 2019.

For Gulf 3-08 Scallop Logbook Data Collection Review and Education

This has to do with Scallop fishery. Yes

Please confirm if this is an extension (multi-year of GULF2-04)? no

Is this part of another YR2 project that received funding? no

Laisse-moi savoir si tu veux que je l'envois directement.

Josiane

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**From:** LeBlanc, Carole L  
**Sent:** January-31-19 2:03 PM  
**To:** Mallet, Pierre; Massiera, Josiane; Gaudet, Mario  
**Subject:** Fw: Proposal clarifications

Bonjour, pouvez-vous svp répondre aux questions ci-dessous qui correspondent à vos propositions?

Merci

Carole

Sent from my BlackBerry 10 smartphone on the Rogers network.

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**From:** Hemken, Susana <[Susana.Hemken@dfo-mpo.gc.ca](mailto:Susana.Hemken@dfo-mpo.gc.ca)>  
**Sent:** Monday, January 28, 2019 5:10 PM  
**To:** LeBlanc, Carole L  
**Cc:** Schjott, Natalie  
**Subject:** Proposal clarifications

Hello Carole,

A few questions regarding the YR3 CM proposals for Gulf:

For Gulf3-01 Increased EVM of the Gulf region Bluefin Tuna Fishery:

Please confirm when the initial equipment was purchased for Bluefin Tuna. Was this part of proposals included for either YR1 or YR2?

For Gulf3-03 Striped Bass Log & Journal Application:

This seems to be a three-year project. Please confirm if you are asking for funding this year (YR3) that includes deliverables indicated in YR3, YR4 and the next year.

For Gulf 3-04 Catch monitoring-Southern Gulf Lobster (LFA 23, 24, 25, 26A and 26B):

Please verify if this is the same 3-year project as GULF2-01 (project description is the same) and this is the final year (YR3)?

For Gulf3-05 E-DMP

Please verify that this is same as Gulf2-02 going into year three of the four-year project. (Description seems same).

Please verify amount for YR3 (third year of four-year project) as amounts on template indicate YR2 amounts of \$25K which was allocated in YR2.

For Gulf3-06 Electronic Video Monitoring-Atlantic Halibut

Template is referring to year 2.

Please confirm funding is for YR3 2019-20.

Please confirm for which fishery GLF2-05 Electronic Video Monitoring at wharf-pilot project received funds for. Was it Atlantic Halibut?

For Gulf3-07 Interactive Voice Response (IVR) Hail-In Monitoring for ENB Smelt Fishery:

Template is referring to year 2.

Are the funds requested for YR3?

Is this a multi-year project extending from YR2 GULF2-03? Or not?

For Gulf 3-08 Logbook Data Collection Review

This has to do with Scallop fishery.

Please confirm if this is an extension (multi-year of GULF2-04)?

Is this part of another YR2 project that received funding?

Your assistance would be appreciated in clarifying these points.

Thank you,

*Susana Hemken*

A/Fisheries Management Program Officer, Fisheries Resource Management

Fisheries and Oceans Canada / Government of Canada

[Susana.Hemken@dfo-mpo.gc.ca](mailto:Susana.Hemken@dfo-mpo.gc.ca) / Tel: 613-402-8541

Agente de programme de gestion des pêches/PI, Gestion des ressources halieutiques

Pêches et Océans Canada / Gouvernement du Canada

[Susana.Hemken@dfo-mpo.gc.ca](mailto:Susana.Hemken@dfo-mpo.gc.ca) / Tel: 613-402-8541

## Massiera, Josiane

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**From:** Lemay, Gaëlle  
**Sent:** February-06-19 6:21 PM  
**To:** Massiera, Josiane; Dupuis, Monique  
**Cc:** Robichaud-Hache, Melanie; Comeau, Sandra J  
**Subject:** Re: Items for the DMP Annual Meeting RE: Lobster

I'd like a meeting to discuss. I'd like to suggest alternative Data collection procedures to make it a true test of DMP in lobster.

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**From:** Massiera, Josiane  
**Sent:** Wednesday, February 6, 2019 11:04 AM  
**To:** Lemay, Gaëlle; Dupuis, Monique  
**Cc:** Robichaud-Hache, Melanie; Comeau, Sandra J  
**Subject:** RE: Items for the DMP Annual Meeting RE: Lobster

Re: Lobster

- Monique and I (and the area RM officer) talked to each of the 6 DMCs to see if there is a possibility for a DM project in 2019. To date, all 6 companies think it is feasible. We are looking at having spot verification of catch (around 10 trips per DMC per day) with no hail-in. The dockside monitor will show up at a port randomly. The tasks will be to ask for a copy of the logbook or Elog, write down on the Weigh out form the catch estimate (in the comment box) and record the actual catch (sales and personal use). We didn't specify that they needed to put the Unique Elog ID instead of logbook number, but this can be communicated later when we have confirmed that we are going ahead with this.
- The only administrative part will be to scan the forms and send it to DFO. We will hire someone to enter the information in an Excel sheet (flag any big discrepancy between the estimate and actual) to see if there is any area of concerns. I didn't think you required the original copy, but if you do, we could collect them at the end of the season?
- I am not aware of the landing report developed by C&P... let me know if we need a meeting to discuss.

RE: E-DMP

Most probable that we will receive funding to continue this project. Pierre Mallet is the contact.

Josiane

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**From:** Lemay, Gaëlle  
**Sent:** February-06-19 7:49 AM  
**To:** Dupuis, Monique  
**Cc:** Robichaud-Hache, Melanie; Mallet, Pierre; Gaudet, Mario; Massiera, Josiane  
**Subject:** Items for the DMP Annual Meeting

Bonjour Monique,

Here are a few items for discussion at the DMP Annual Meeting ... some items should be lead by Resource Management. I've added some additional information underneath each item to explain what I want to discuss (these should not show

up on the agenda... just for our internal reference). I know there may be additional catch monitoring projects in the works for 2019/2020... may want to communicate with Resource Management to see if anything else should be added to the agenda (e.g. E-DMP).

- Lobster DMP

- I assume Josiane Massiera will be bringing this to the table (I have little information on the subject)
- Pre-meeting discussion should include what we plan on telling them and what processes they will be following to capture the data for these landings. (data entry procedures for DMCs)
- Original copies of the Weigh out summary forms will have to be sent to Gulf Region Statistics
- May require the use of the landing report form developed by C&P last year

- Review of Mackerel DMP in 2017 and 2018

- I assume Pierre Mallet and/or Mario Gaudet will be bringing this to the table following our meeting next week
- Is everything ok, anything not working well, etc.

- Elogs in Shrimp, Snow Crab and lobster in 2019 (optional)

- If fisher is using an elog, must record Unique Elog ID
- New Landing Report form developed by C&P and provided to DMCs last year ... may be required this year.

- Documents that should be provided to statistics and when (timing)

- Ex. DMCs are required to provide us with original DMP Weigh Out Summary Forms for DMC verified landings for herring and mackerel

- Tuna logs with no landings – procedures and return of logs

- High number of tuna logs with no landings not received from DMCs this year.
- Is there a way for us to be informed of missing logs so we don't have to go looking for them?

- Most common errors (no need to list them, just note that we should have a discussion):

- Not selecting the proper statistics district when entering unknown buyer
- Not entering a price in slips (either for all entries or just unknown buyer)
- Selecting the wrong form (selecting round when GF was landed gutted head-on or head-off)
- 'no catch' when hailed-in but estimated catch reported on log??? Is an incident report done when log is received?
- Selecting the proper unit of measure (kg vs lbs)
- Wrong dates
- Would a visit to DMCs to review existing procedures, discuss issues, identify tools that might help, etc. be useful?
- How do you validate your data entry? Anything we can do to help?

Gaëlle Lemay

Regional Manager, Statistics Division, Strategic Services, Gulf Region  
Fisheries and Oceans Canada/Government of Canada  
[gaelle.lemay@dfo-mpo.gc.ca](mailto:gaelle.lemay@dfo-mpo.gc.ca)/Tel: 506-851-7822/Fax: 506-851-7732

Gestionnaire régionale, Division des statistiques, Services Stratégiques, Région du Golfe  
Pêches et Océans Canada/Gouvernement du Canada  
[gaelle.lemay@dfo-mpo.gc.ca](mailto:gaelle.lemay@dfo-mpo.gc.ca) /Tél: 506-851-7822/Télécopieur: 506-851-7732

***If you have received this communication by mistake, please notify the sender immediately and delete the communication without printing, copying or forwarding it. Thank you. / Si vous avez reçu cette communication par erreur, veuillez en aviser l'expéditeur immédiatement et la supprimer sans l'imprimer, la copier, ou la faire suivre. Merci.***

## Massiera, Josiane

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**From:** Massiera, Josiane  
**Sent:** February-15-19 1:48 PM  
**To:** Robichaud-Hache, Melanie  
**Cc:** Lemay, Gaëlle  
**Subject:** FW: Lobster Dockside Monitoring Update  
**Attachments:** Preliminary-Lobster Buyers by port\_2017.xlsx; FW: Homeports - Port d'attaches

Bonjour Mélanie,

Je sais que vos données 2017 sont préliminaire, donc voici des commentaires du bureau de secteur par rapport à la liste des acheteurs de homard que vous nous avez fournis (on tente de voir quel compagnie de DMC va couvrir quel port) si ça peut vous aider.

Aussi Port Petits Bateaux a fait un exercice de vérification des ports selon notre liste dans GFIS. J'ai joint le document.

- I noticed Big Cove and Bouctouche are listed in the table you provided but there is no port in Big Cove (even though Elsipogtog's licences list Big Cove as their homeport) and the same for Bouctouche FN.
- You can remove Baie Ste. Anne from the list. The few fishers with that homeport sell and dock at Escuminac.
- I checked with Jacques Haché (used to collect sales slips from buyers) and SCH and Google and Bransfield does not exist as a port. I would not add to the list. Not sure why it's on the list especially for that buyer as that company is from Val-Comeau area (maybe they wanted to say Brantville??)

Josiane

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**From:** Comeau, Sandra J  
**Sent:** February-15-19 12:32 PM  
**To:** Massiera, Josiane  
**Subject:** RE: Lobster Dockside Monitoring Update

Hi Josiane,

Thanks for sharing the list with the buyers. I find that information very interesting since we don't have that contact.

- You can remove Baie Ste. Anne from the list. The few fishers with that homeport sell and dock at Escuminac.
- McEachern and Tabusintac are the same port but are listed as two different homeports (with two different codes). We can use McEachern instead of Tabusintac.
- I checked with Jacques Haché (used to collect sales slips from buyers) and SCH and Google and Bransfield does not exist as a port. I would not add to the list. Not sure why it's on the list especially for that buyer as that company is from Val-Comeau area (maybe they wanted to say Brantville??)

As for LFA 25, here are the ports that should be covered (that are listed in the conditions of licence):

Escuminac (for corridor users)

Pointe Sapin

Loggiecroft

Cap. St-Louis

Richibucto

Cap St-Lumière

Côte Ste. Anne/Chockpish

St. Eduouard

St. Thomas

Cocagne Bar/Cormierville  
Caissie's Cape  
Pointe du Chêne  
Robichaud  
Aboiteau  
Cap Pele  
Petit Cap  
Botsford/Murray Corner  
Cape Tormentine

I noticed Big Cove and Bouctouche are listed in the table you provided but there is no port in Big Cove (even though Elsipogtog's licences list Big Cove as their homeport) and the same for Bouctouche FN.

**Sandra Comeau**

*Resource Management / Gestion de la ressource*

*Telephone / Téléphone 506-395-7765*

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**From:** Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>

**Sent:** February-14-19 5:15 PM

**To:** Comeau, Sandra J <Sandra.Comeau@dfo-mpo.gc.ca>

**Subject:** RE: Lobster Dockside Monitoring Update

Baie Ste-Anne ne sont pas listés dans le document que Gaëlle m'a fourni (ci-joints). Elle utilise Mceachern Point pour Tabusintac.

Aussi Gaëlle a Bransfield???

J'ai ajouté les DMC dans la colonne « G », pour chacun des DMC (2 documents ci-joints).

Peux-tu aussi checker la liste pour LFA 25...il y a beaucoup de ports!!!

Josiane

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**From:** Comeau, Sandra J

**Sent:** February-14-19 2:26 PM

**To:** Massiera, Josiane

**Subject:** RE: Lobster Dockside Monitoring Update

For LFA 23 based on rock crab and halibut landings, I listed the following ports with lobster landings based on territory.

**Seefish** covers:

Dalhousie

New Mills

Pointe Verte

Petit Rocher

Tracadie

Val-Comeau

Tabusintac

Neguac

Burnt Church

Baie Ste. Anne

Escuminac

Pointe Sapin



**Pèse Pêche covers :**

Millerbrook  
Stonehaven  
Grande-Anse  
Anse-Bleue  
Caraquet  
Bas-Caraquet  
Lamèque  
Miscou  
Petit-Shippagan  
Pigeon Hill  
Sainte-Marie-Saint-Raphaël  
Savoy Landing  
Shippagan  
Le Goulet  
Inkerman

***Sandra Comeau***

*Resource Management / Gestion de la ressource  
Telephone / Téléphone 506-395-7765*

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**From:** Comeau, Sandra J  
**Sent:** February-14-19 1:48 PM  
**To:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>  
**Subject:** RE: Lobster Dockside Monitoring Update

Looks good to me. I added a few comments. We will need to translate for Pèse Pêche.

***Sandra Comeau***

*Resource Management / Gestion de la ressource  
Telephone / Téléphone 506-395-7765*

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**From:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>  
**Sent:** February-14-19 1:30 PM  
**To:** Comeau, Sandra J <[Sandra.Comeau@dfo-mpo.gc.ca](mailto:Sandra.Comeau@dfo-mpo.gc.ca)>  
**Subject:** RE: Lobster Dockside Monitoring Update

Pour ton input avant que je l'envoie à Monique...Je dois faire l'analyse des ports aussi avant de l'envoyer.

Proposed message to DMC:

Hello,

Thank you for participating to the discussion on the potential project for Dockside Monitoring in the Gulf Region Lobster Fisheries. As discussed, we would like for you to provide a quote on providing the following service to DFO. The tasks would include:

- Provide a Dockside Observer daily at some of the ports listed in the attached document to monitor lobster landings. You will be responsible to develop the schedule and share it by email to DFO for possible C&P support. The dispatching of the observer(s) will need to be done randomly within the listed ports (there will be no hail-in).

- An average (I thought it was a minimum of 10) of 10 trips per day 6 out of 7 days of week (in LFA 23) or 5 out of 6 days of week (in the rest of LFAs). (I would remove this. If they are unable to reach 10 trips per day they can explain why).
- The dockside Observer will need to ask the fish harvesters for a copy of the logbook/Elog to write down and fill out the following information on the existing Weigh out form (in the Comment section):
  - Company, date, port landed, monitor's name and ID.
  - Licence number, VRN, vessel name and captain
  - Buyer
    - 1) The logbook/ELog Unique ID#
    - 2) Catch estimate recorded by the fish harvesters in their log; (in the comment section)
    - 3) Record of all lobster landed (sales and personal use) at the buyer's station;
    - 4) Write the buyer's slip #. (in the comment section)
- DMC's office will scan the Weigh out forms and send it to DFO twice a week (or weekly – will we have someone in place from the beginning of the season to enter this information?).
- DMC's office will send the original forms to DFO at the end of the season. NO data entry will be required by the DMC for 2019.
- fill out incident report for non-compliance of fish harvesters for those that do not provide their logbook/Elog

Also attached for your information are the number of licences per homeport. Note however that fishers might not always land at their homeport (they are supposed to in LFA 23 😊).

Josiane

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**From:** Dupuis, Monique  
**Sent:** February-14-19 9:12 AM  
**To:** Massiera, Josiane  
**Subject:** RE: Lobster Dockside Monitoring Update

Looks good to me.

Tu m'avises lorsque tu veux que je contacte les compagnies pour leurs demander de nous envoyer les tarifs ?

Monique

Monique Dupuis  
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection  
Fisheries and Oceans – Gulf Region/Government of Canada  
[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca) / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection  
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada  
[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca) / Téléphone: 506-851-6214 / Fax: 506-851-2504

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**From:** Comeau, Sandra J <[Sandra.Comeau@dfo-mpo.gc.ca](mailto:Sandra.Comeau@dfo-mpo.gc.ca)>  
**Sent:** February 13, 2019 2:44 PM  
**To:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>; Dwyer, Alan <[Alan.Dwyer@dfo-mpo.gc.ca](mailto:Alan.Dwyer@dfo-mpo.gc.ca)>; LeBlanc, Carole L <[Carole.L.LeBlanc@dfo-mpo.gc.ca](mailto:Carole.L.LeBlanc@dfo-mpo.gc.ca)>  
**Cc:** Dupuis, Monique <[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca)>; Moore, Benjamin <[Benjamin.Moore@dfo-mpo.gc.ca](mailto:Benjamin.Moore@dfo-mpo.gc.ca)>; Lemay, Gaëlle <[Gaëlle.Lemay@dfo-mpo.gc.ca](mailto:Gaëlle.Lemay@dfo-mpo.gc.ca)>  
**Subject:** Re: Lobster Dockside Monitoring Update

Looks good to me. Maybe to add a bit to Alan's point that it would be good to have a coordinated or collaborative approach between monitors and C&P officers to facilitate the transaction with fish harvesters at the wharves at least for the first weeks.

Thanks Josiane.

Sandra

Get Outlook for iOS

On Wed, Feb 13, 2019 at 2:25 PM -0400, "Massiera, Josiane" <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)> wrote:

Good point added below. Thanks

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**From:** Dwyer, Alan  
**Sent:** February-13-19 2:04 PM  
**To:** Massiera, Josiane; LeBlanc, Carole L  
**Cc:** Dupuis, Monique; Comeau, Sandra J; Moore, Benjamin; Lemay, Gaëlle  
**Subject:** RE: Lobster Dockside Monitoring Update

Hi Josiane,

Not sure if you wanted it mentioned in the summary of not, but an important point will be that the COL will have to be amended to require fishers to provide logs and allow catches weighed when approached by DMP. Based on comments I have heard from industry about the possibility of DMP in my area, there will be strong opposition from industry and they will not want to cooperate. This will likely increase workload for C&P.

Alan

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**From:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>  
**Sent:** Wednesday, February 13, 2019 1:09 PM  
**To:** LeBlanc, Carole L <[Carole.L.LeBlanc@dfo-mpo.gc.ca](mailto:Carole.L.LeBlanc@dfo-mpo.gc.ca)>  
**Cc:** Dupuis, Monique <[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca)>; Comeau, Sandra J <[Sandra.Comeau@dfo-mpo.gc.ca](mailto:Sandra.Comeau@dfo-mpo.gc.ca)>; Dwyer, Alan <[Alan.Dwyer@dfo-mpo.gc.ca](mailto:Alan.Dwyer@dfo-mpo.gc.ca)>; Moore, Benjamin <[Benjamin.Moore@dfo-mpo.gc.ca](mailto:Benjamin.Moore@dfo-mpo.gc.ca)>; Lemay, Gaëlle <[Gaëlle.Lemay@dfo-mpo.gc.ca](mailto:Gaëlle.Lemay@dfo-mpo.gc.ca)>  
**Subject:** Lobster Dockside Monitoring Update

Summary requested by Marc to discuss with Frank and RDG...If any of you wants to add something, please feel free.

Carole, feel free to remove some parts if it's too much details...

- A 2016 Report of the Commissioner of the Environment and Sustainable Development found that DFO was missing key information needed to manage Canada's public resources sustainably, including gaps in catch data and catch monitoring. Fishery monitoring and catch reporting is also consistent with general Marine Stewardship Council's (MSC) requirements (Lobster fisheries in the Gulf Region received the MSC certification).
- A feasibility study to develop an implementation plan for reliable, timely and accessible lobster catch information in the Gulf Region was conducted by a Consultant company (Lansdowne Technologies Inc.) from February to May 31, 2018. The fish harvesters' associations received notice of the study in February and teleconference and/or meetings took place with GNS fisheries representatives, PEIFA and the MFU for initial discussion (none with the processors).

- The study findings was presented by the consultant at the sGSL Lobster Advisory Committee held on December 4-5, 2018. Six options were presented: 1. Use of ELOG with Random Checks by Compliance Officers; 2. Data Entry Only; 3. Pilot Project in one LFA or Sub-Area; 4. Partial Monitoring (Commencing at 10%); 5. Full 100% Monitoring 6. Delay Monitoring Until 2020
- The majority of Fish harvesters' representatives were not in favor of implementing Dockside Monitoring for lobster, did not favor any options and several mentioned that if a Dockside Monitoring Program (DMP) is implemented in Lobster it should be done across the Regions, especially in Maritimes Region. Several also favored to start with e-Logs, which will be implemented in 2019 on a voluntary basis. Processors are supportive of implementing Dockside Monitoring for lobster.
- The current DMP cannot sustain a full 100% DMP in Lobster at this time with the current Dockside Monitoring Companies operations because of the size of the fishery; a phase-in approach is the only feasible option.
- We are exploring the option of implementing a Lobster Dockside Monitoring Audits/Spot Checks. In coordination with the C&P DMP coordinator and the area offices, we talked to each of the 6 DMCs (separately) to ask about the possibility for such a project in 2019. To date, all 6 companies thinks it is feasible. The DMCs are aware that this project is contingent of funding and approval.
- For 2019, the project is proposing to have random spot verification/audit of catch (around 10 trips per DMC per day) with no hail-in. The dockside observer will show up at a port randomly. We will provide the list of ports that each DMC needs to cover. Note that further analysis is needed for PEI, as both companies are covering around 60% of the same ports.
- DFO will have a contract with each DMC and pay for the DMC service that will include travel for the DMC observer (bulk of the cost) and specific tasks. The estimated costs requested to NHQ for this project is \$250,000. We are currently in the process of receiving quotes from the DMCs on the specific costs.
- The tasks will include: Dockside observer travel to one or two ports per day (random), asking the fish harvesters for a copy of the logbook/Elog to write down on the existing Weigh out form the logbook/ELog # and catch estimate recorded by the fish harvesters and then record the actual catch (sales and personal use) at the buyer's station (as well to write the buyer's slip #). The only administrative part requested by DMCs' offices will be to scan the Weigh out forms and send it to DFO (the original will also be sent to DFO at the end of the season). No data entry will be required by the DMC for 2019.
- DFO will need to hire someone to enter the information either in an Excel sheet or directly in GFIS/DMP reports and flag any big discrepancy between the estimates and actuals. Note that if we want to eventually replace the buyers slips data currently entered by Stats in GFIS by the actual landings recorded by the dockside observer, it will require some additional work from Stats staff for 2019.
- DFO will also need to amend the COL to require fishers to provide logs and allow catches weighed when approached by a Dockside Monitor. Considering the opposition from industry for Dockside monitoring, This will likely increase workload for C&P; especially at the beginning of the season.
- Area of concerns will dictate where additional efforts should be placed in the future.

Josiane

PRELIMINARY DATA

Fishing Area Province of  
based on the Place

| Licence | Landed | Place Landed | Community Description | Buyer Code<br>(First 4 digits) | Buyer Name                        |
|---------|--------|--------------|-----------------------|--------------------------------|-----------------------------------|
| 23      | NB     | 26307        | DALHOUSIE             | 2364                           | PECHERIES DE CHEZ NOUS LTEE       |
| 23      | NB     | 26313        | NEW MILLS             | 2364                           | PECHERIES DE CHEZ NOUS LTEE       |
| 23      | NB     | 26408        | POINTE-VERTE          | 2155                           | POISSONNERIE ARSENEAU FISH MARKET |
| 23      | NB     | 26410        | PETIT-ROCHER          | 2155                           | POISSONNERIE ARSENEAU FISH MARKET |
| 23      | NB     | 26410        | PETIT-ROCHER          | 3046                           | LES PÊCHERIES DU NORD LTÉE        |
| 23      | NB     | 26501        | CARAQUET              | 2155                           | POISSONNERIE ARSENEAU FISH MARKET |
| 23      | NB     | 26501        | CARAQUET              | 2464                           | K. & K. EXPORT LTD.               |
| 23      | NB     | 26501        | CARAQUET              | 2495                           | C. K. FISH BUYER LTD.             |
| 23      | NB     | 26501        | CARAQUET              | 3008                           | DISTRIBUTION SBNB LTEE            |
| 23      | NB     | 26501        | CARAQUET              | 6004                           | LELIEVRE, LELIEVRE ET LEMOIGNAN   |
| 23      | NB     | 26502        | ANSE-BLEUE            | 2464                           | K. & K. EXPORT LTD.               |
| 23      | NB     | 26502        | ANSE-BLEUE            | 3044                           | MARCHÉ DE POISSON ALBERT LTÉE     |
| 23      | NB     | 26505        | GRANDE-ANSE           | 2464                           | K. & K. EXPORT LTD.               |
| 23      | NB     | 26508        | BAS CARAQUET          | 2155                           | POISSONNERIE ARSENEAU FISH MARKET |
| 23      | NB     | 26508        | BAS CARAQUET          | 2194                           | POISSONNERIE DES ILES             |
| 23      | NB     | 26508        | BAS CARAQUET          | 2464                           | K. & K. EXPORT LTD.               |
| 23      | NB     | 26508        | BAS CARAQUET          | 3008                           | DISTRIBUTION SBNB LTEE            |
| 23      | NB     | 26519        | STONEHAVEN            | 2342                           | MCLEAN FISH SHOP                  |
| 23      | NB     | 26519        | STONEHAVEN            | 2478                           | STONEHAVEN GROUP LTD.             |
| 23      | NB     | 26519        | STONEHAVEN            | 2480                           | ELLIS TAKE OUT                    |
| 23      | NB     | 26519        | STONEHAVEN            | 3014                           | BARRY GROUP NB INC.               |
| 23      | NB     | 26519        | STONEHAVEN            | 3044                           | MARCHÉ DE POISSON ALBERT LTÉE     |
| 23      | NB     | 26519        | STONEHAVEN            | 3070                           | EAST COAST OCEAN PRODUCT          |
| 23      | NB     | 26531        | MILLER BROOK WHARF    | 2392                           | COASTAL HARVESTERS                |
| 23      | NB     | 26531        | MILLER BROOK WHARF    | 3070                           | EAST COAST OCEAN PRODUCT          |
| 23      | NB     | 26601        | LAMEQUE               | 2194                           | POISSONNERIE DES ILES             |
| 23      | NB     | 26608        | PETIT SHIPPAGAN       | 2431                           | LES PECHEURS UNIS INC             |
| 23      | NB     | 26608        | PETIT SHIPPAGAN       | 2464                           | K. & K. EXPORT LTD.               |
| 23      | NB     | 26608        | PETIT SHIPPAGAN       | 3063                           | PRODUITS MARINS JONES             |
| 23      | NB     | 26611        | MISCOU HARBOUR        | 3008                           | DISTRIBUTION SBNB LTEE            |
| 23      | NB     | 26611        | MISCOU HARBOUR        | 3014                           | BARRY GROUP NB INC.               |
| 23      | NB     | 26611        | MISCOU HARBOUR        | 3021                           | MISCOU HARBOUR ENTERPRISE INC.    |
| 23      | NB     | 26611        | MISCOU HARBOUR        | 3058                           | LA PINCE ROUGE INC.               |
| 23      | NB     | 26611        | MISCOU HARBOUR        | 6004                           | LELIEVRE, LELIEVRE ET LEMOIGNAN   |

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| 23                            | NB                           | 26616 PIGEON HILL          | 2182             | L'ASSOC. CO-OP. PECHEURS L'ILE LAMEQUE |
| 23                            | NB                           | 26616 PIGEON HILL          | 2274             | MAURICE BLANCHARD                      |
| 23                            | NB                           | 26616 PIGEON HILL          | 2441             | LES PRODUITS HOMARENG LTEE             |
| 23                            | NB                           | 26616 PIGEON HILL          | 2464             | K. & K. EXPORT LTD.                    |
| 23                            | NB                           | 26616 PIGEON HILL          | 6004             | LELIEVRE, LELIEVRE ET LEMOIGNAN        |
| 23                            | NB                           | 26620 STE MARIE/ST.RAPHAEL | 2182             | L'ASSOC. CO-OP. PECHEURS L'ILE LAMEQUE |
| 23                            | NB                           | 26620 STE MARIE/ST.RAPHAEL | 3014             | BARRY GROUP NB INC.                    |
| 23                            | NB                           | 26620 STE MARIE/ST.RAPHAEL | 3071             | H. PAULIN SEAFOOD INC                  |
| 23                            | NB                           | 26622 SAVOY LANDING        | 2464             | K. & K. EXPORT LTD.                    |
| 23                            | NB                           | 26622 SAVOY LANDING        | 2495             | C. K. FISH BUYER LTD.                  |
| 23                            | NB                           | 26701 SHIPPAGAN            | 2201             | MARCHE DE POISSON M. LANTEIGNE         |
| 23                            | NB                           | 26701 SHIPPAGAN            | 2464             | K. & K. EXPORT LTD.                    |
| 23                            | NB                           | 26701 SHIPPAGAN            | 3069             | STEFF LOBSTER                          |
| 23                            | NB                           | 26703 INKERMEN             | 2364             | PECHERIES DE CHEZ NOUS LTEE            |
| 23                            | NB                           | 26703 INKERMEN             | 2464             | K. & K. EXPORT LTD.                    |
| 23                            | NB                           | 26703 INKERMEN             | 3014             | BARRY GROUP NB INC.                    |
| 23                            | NB                           | 26714 LE GOULET            | 2182             | L'ASSOC. CO-OP. PECHEURS L'ILE LAMEQUE |
| 23                            | NB                           | 26714 LE GOULET            | 2201             | MARCHE DE POISSON M. LANTEIGNE         |
| 23                            | NB                           | 26714 LE GOULET            | 2464             | K. & K. EXPORT LTD.                    |
| 23                            | NB                           | 26714 LE GOULET            | 2474             | R. C. SEAFOOD                          |
| 23                            | NB                           | 26714 LE GOULET            | 3028             | ENTREPRISES DU PHARE                   |
| 23                            | NB                           | 26811 TRACADIE             | 2364             | PECHERIES DE CHEZ NOUS LTEE            |
| 23                            | NB                           | 26811 TRACADIE             | 2464             | K. & K. EXPORT LTD.                    |
| 23                            | NB                           | 26817 VAL COMEAU           | 2364             | PECHERIES DE CHEZ NOUS LTEE            |
| 23                            | NB                           | 26817 VAL COMEAU           | 2495             | C. K. FISH BUYER LTD.                  |
| 23                            | NB                           | 26817 VAL COMEAU           | 3014             | BARRY GROUP NB INC.                    |
| 23                            | NB                           | 26817 VAL COMEAU           | 3058             | LA PINCE ROUGE INC.                    |
| 23                            | NB                           | 27003 BURNT CHURCH         | 2209             | EMERY J. SAVOIE & FILS LTEE            |
| 23                            | NB                           | 27003 BURNT CHURCH         | 3014             | BARRY GROUP NB INC.                    |
| 23                            | NB                           | 27008 NEGUAC               | 2209             | EMERY J. SAVOIE & FILS LTEE            |
| 23                            | NB                           | 27008 NEGUAC               | 2495             | C. K. FISH BUYER LTD.                  |
| 23                            | NB                           | 27008 NEGUAC               | 3014             | BARRY GROUP NB INC.                    |
| 23                            | NB                           | 27008 NEGUAC               | 3036             | JOSEPH E. CORMIER                      |
| 23                            | NB                           | 27013 MCEACHERN POINT      | 2209             | EMERY J. SAVOIE & FILS LTEE            |
| 23                            | NB                           | 27013 MCEACHERN POINT      | 2364             | PECHERIES DE CHEZ NOUS LTEE            |

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| 23                            | NB                           | 27013                 | MCEACHERN POINT       | 2474             | R. C. SEAFOOD                           |
| 23                            | NB                           | 27013                 | MCEACHERN POINT       | 2495             | C. K. FISH BUYER LTD.                   |
| 23                            | NB                           | 27013                 | MCEACHERN POINT       | 3014             | BARRY GROUP NB INC.                     |
| 23                            | NB                           | 27305                 | ESCUMINAC             | 2269             | BAIE STE-ANNE SEAFOOD                   |
| 23                            | NB                           | 27305                 | ESCUMINAC             | 3069             | STEFF LOBSTER                           |
| 23                            | NB                           | 27305                 | ESCUMINAC             | 3072             | P.O. FISHERIES LTD                      |
| 23                            | NB                           | 27313                 | BRANSFIELD            | 2364             | PECHERIES DE CHEZ NOUS LTEE             |
| 25                            | NB                           | 27504                 | LOGGIECROFT           | 2233             | B. A. RICHARD LTEE.                     |
| 25                            | NB                           | 27504                 | LOGGIECROFT           | 2474             | R. C. SEAFOOD                           |
| 25                            | NB                           | 27504                 | LOGGIECROFT           | 3014             | BARRY GROUP NB INC.                     |
| 25                            | NB                           | 27504                 | LOGGIECROFT           | 3045             | MARVEN KELLY                            |
| 23                            | NB                           | 27505                 | POINT SAPIN           | 2182             | L'ASSOC. CO-OP. PECHEURS L'ILE LAMEQUE  |
| 25                            | NB                           | 27505                 | POINT SAPIN           | 2182             | L'ASSOC. CO-OP. PECHEURS L'ILE LAMEQUE  |
| 25                            | NB                           | 27505                 | POINT SAPIN           | 2269             | BAIE STE-ANNE SEAFOOD                   |
| 25                            | NB                           | 27505                 | POINT SAPIN           | 2474             | R. C. SEAFOOD                           |
| 25                            | NB                           | 27505                 | POINT SAPIN           | 3072             | P.O. FISHERIES LTD                      |
| 25                            | NB                           | 27506                 | ST. LOUIS             | 2474             | R. C. SEAFOOD                           |
| 25                            | NB                           | 27507                 | CAP ST. LOUIS         | 2233             | B. A. RICHARD LTEE.                     |
| 25                            | NB                           | 27507                 | CAP ST. LOUIS         | 2474             | R. C. SEAFOOD                           |
| 25                            | NB                           | 27507                 | CAP ST. LOUIS         | 3030             | POISSONNERIE MAZEROLLE FISH MARKET INC. |
| 25                            | NB                           | 27507                 | CAP ST. LOUIS         | 3036             | JOSEPH E. CORMIER                       |
| 25                            | NB                           | 27603                 | CAP LUMIERE           | 2233             | B. A. RICHARD LTEE.                     |
| 25                            | NB                           | 27603                 | CAP LUMIERE           | 2474             | R. C. SEAFOOD                           |
| 25                            | NB                           | 27603                 | CAP LUMIERE           | 3036             | JOSEPH E. CORMIER                       |
| 25                            | NB                           | 27603                 | CAP LUMIERE           | 3073             | CAP LUMIERE FISHING SUPPLIES, INC       |
| 25                            | NB                           | 27610                 | RICHIBUCTO            | 2233             | B. A. RICHARD LTEE.                     |
| 25                            | NB                           | 27610                 | RICHIBUCTO            | 2277             | A & R FISH BUYERS                       |
| 25                            | NB                           | 27610                 | RICHIBUCTO            | 2474             | R. C. SEAFOOD                           |
| 25                            | NB                           | 27610                 | RICHIBUCTO            | 3014             | BARRY GROUP NB INC.                     |
| 25                            | NB                           | 27610                 | RICHIBUCTO            | 3036             | JOSEPH E. CORMIER                       |
| 25                            | NB                           | 27612                 | STE. ANNE DE KENT     | 2474             | R. C. SEAFOOD                           |
| 25                            | NB                           | 27617                 | BIG COVE              | 2474             | R. C. SEAFOOD                           |
| 25                            | NB                           | 27701                 | BOUCTOUCHE            | 2474             | R. C. SEAFOOD                           |
| 25                            | NB                           | 27703                 | CAISSIE'S CAPE        | 2250             | WESTMORLAND FISHERIES LTD.              |
| 25                            | NB                           | 27709                 | ST. EDOUARD           | 2233             | B. A. RICHARD LTEE.                     |

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| 25                            | NB                           | 27709 ST. EDOUARD              |                       | 2474             | R. C. SEAFOOD                         |
| 25                            | NB                           | 27712 ST. THOMAS               |                       | 2474             | R. C. SEAFOOD                         |
| 25                            | NB                           | 27713 COCAGNE BAR              |                       | 2246             | CAPE BALD PACKERS LTD.                |
| 25                            | NB                           | 27713 COCAGNE BAR              |                       | 2474             | R. C. SEAFOOD                         |
| 25                            | NB                           | 27717 COTE STE. ANNE/CHOCKPISH |                       | 2233             | B. A. RICHARD LTEE.                   |
| 25                            | NB                           | 27717 COTE STE. ANNE/CHOCKPISH |                       | 2474             | R. C. SEAFOOD                         |
| 25                            | NB                           | 27717 COTE STE. ANNE/CHOCKPISH |                       | 3073             | CAP LUMIERE FISHING SUPPLIES, INC     |
| 25                            | NB                           | 27807 BAS CAP PELE             |                       | 2246             | CAPE BALD PACKERS LTD.                |
| 25                            | NB                           | 27807 BAS CAP PELE             |                       | 2250             | WESTMORLAND FISHERIES LTD.            |
| 25                            | NB                           | 27808 POINTE DU CHENE          |                       | 2244             | SHEDIAC LOBSTER SHOP LTD.             |
| 25                            | NB                           | 27809 ROBICHAUD                |                       | 2246             | CAPE BALD PACKERS LTD.                |
| 25                            | NB                           | 27812 ABOUJAGANE               |                       | 2246             | CAPE BALD PACKERS LTD.                |
| 25                            | NB                           | 27821 ABOITEAU                 |                       | 2246             | CAPE BALD PACKERS LTD.                |
| 25                            | NB                           | 27821 ABOITEAU                 |                       | 2250             | WESTMORLAND FISHERIES LTD.            |
| 25                            | NB                           | 28003 CAPE TORMENTINE          |                       | 2244             | SHEDIAC LOBSTER SHOP LTD.             |
| 25                            | NB                           | 28003 CAPE TORMENTINE          |                       | 2603             | B & C SHELLFISH INC.                  |
| 25                            | NB                           | 28007 PETIT CAP                |                       | 2246             | CAPE BALD PACKERS LTD.                |
| 25                            | NB                           | 28007 PETIT CAP                |                       | 2250             | WESTMORLAND FISHERIES LTD.            |
| 25                            | NB                           | 28007 PETIT CAP                |                       | 2361             | PIER 99 PRODUCTS LTD. (REGIS CORMIER) |
| 25                            | NB                           | 28015 BOTSFORD                 |                       | 2027             | CHASE'S LOBSTER LTD                   |
| 25                            | NB                           | 28015 BOTSFORD                 |                       | 2244             | SHEDIAC LOBSTER SHOP LTD.             |
| 25                            | NB                           | 28015 BOTSFORD                 |                       | 2603             | B & C SHELLFISH INC.                  |



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| 25                            | PE                           | 38207        | HOWARD'S COVE         | 2509                        | MADDIX SEAFOOD CONNECTION                |
| 25                            | PE                           | 38207        | HOWARD'S COVE         | 2649                        | ARSENAULT FISH MART INC.                 |
| 25                            | PE                           | 38207        | HOWARD'S COVE         | 2832                        | ACADIAN SUPREME INC                      |
| 25                            | PE                           | 38208        | MIMINEGASH            | 2544                        | ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP |
| 25                            | PE                           | 38208        | MIMINEGASH            | 2608                        | L & S MARKETING LTD.                     |
| 25                            | PE                           | 38208        | MIMINEGASH            | 2816                        | RED COVE SEAFOOD PRODUCTS                |
| 25                            | PE                           | 38208        | MIMINEGASH            | 2832                        | ACADIAN SUPREME INC                      |
| 25                            | PE                           | 38215        | SKINNER'S POND        | 2544                        | ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP |
| 25                            | PE                           | 38215        | SKINNER'S POND        | 2608                        | L & S MARKETING LTD.                     |
| 25                            | PE                           | 38215        | SKINNER'S POND        | 2816                        | RED COVE SEAFOOD PRODUCTS                |
| 25                            | PE                           | 38215        | SKINNER'S POND        | 2831                        | MARITIME SELECT LOBSTER INC              |
| 25                            | PE                           | 38218        | WEST POINT            | 2501                        | HOWARD'S COVE SEAFOODS                   |
| 25                            | PE                           | 38218        | WEST POINT            | 2509                        | MADDIX SEAFOOD CONNECTION                |
| 25                            | PE                           | 38218        | WEST POINT            | 2544                        | ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP |
| 25                            | PE                           | 38218        | WEST POINT            | 2816                        | RED COVE SEAFOOD PRODUCTS                |
| 25                            | PE                           | 38218        | WEST POINT            | 2832                        | ACADIAN SUPREME INC                      |
| 25                            | PE                           | 38219        | WEST CAPE             | 2832                        | ACADIAN SUPREME INC                      |
| 25                            | PE                           | 38302        | BORDEN                | 2649                        | ARSENAULT FISH MART INC.                 |
| 26A                           | PE                           | 38302        | BORDEN                | 2793                        | BY THE WATER SHELLFISH                   |
| 25                            | PE                           | 38302        | BORDEN                | 2793                        | BY THE WATER SHELLFISH                   |
| 25                            | PE                           | 38303        | CAPE EGMONT           | 2649                        | ARSENAULT FISH MART INC.                 |
| 25                            | PE                           | 38303        | CAPE EGMONT           | 2832                        | ACADIAN SUPREME INC                      |
| 25                            | PE                           | 38305        | EGMONT BAY            | 2649                        | ARSENAULT FISH MART INC.                 |
| 25                            | PE                           | 38305        | EGMONT BAY            | 2832                        | ACADIAN SUPREME INC                      |
| 25                            | PE                           | 38306        | HIGGINS WHARF         | 2649                        | ARSENAULT FISH MART INC.                 |
| 25                            | PE                           | 38306        | HIGGINS WHARF         | 2832                        | ACADIAN SUPREME INC                      |
| 25                            | PE                           | 38310        | SUMMERSIDE            | 2649                        | ARSENAULT FISH MART INC.                 |
| 26A                           | PE                           | 38505        | NINE MILE CREEK       | 2511                        | MACCORMACKS SEAFOOD & PRODUCE 1985 LTD.  |
| 26A                           | PE                           | 38505        | NINE MILE CREEK       | 2551                        | FRENCH RIVER CANNERY LTD.                |
| 26A                           | PE                           | 38505        | NINE MILE CREEK       | 2562                        | CAVENDISH SEAFOODS INC.                  |
| 26A                           | PE                           | 38505        | NINE MILE CREEK       | 2649                        | ARSENAULT FISH MART INC.                 |
| 26A                           | PE                           | 38507        | VICTORIA              | 2511                        | MACCORMACKS SEAFOOD & PRODUCE 1985 LTD.  |

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| 26A                           | PE                           | 38507 VICTORIA        |                       | 2793             | BY THE WATER SHELLFISH           |
| 26A                           | PE                           | 38608 PINETTE         |                       | 2768             | WATER PRINCE CORNER SHOP         |
| 26A                           | PE                           | 38608 PINETTE         |                       | 2829             | SEA'N'SEA                        |
| 26A                           | PE                           | 38614 WOOD ISLAND     |                       | 2514             | BELLE RIVER ENTERPRISES          |
| 26A                           | PE                           | 38614 WOOD ISLAND     |                       | 2570             | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38614 WOOD ISLAND     |                       | 2812             | NORTH LAKE FISHERIES (2013) INC. |
| 26A                           | PE                           | 38615 MACAULAYS WHARF |                       | 2570             | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38701 BEACH POINT     |                       | 2021             | LOVE ME FISH & LOBSTER INC.      |
| 26A                           | PE                           | 38701 BEACH POINT     |                       | 2545             | MILLIGAN FISHERIES LTD.          |
| 26A                           | PE                           | 38701 BEACH POINT     |                       | 2570             | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38701 BEACH POINT     |                       | 2795             | ROBERT MCCARTHY                  |
| 26A                           | PE                           | 38701 BEACH POINT     |                       | 2812             | NORTH LAKE FISHERIES (2013) INC. |
| 24                            | PE                           | 38701 BEACH POINT     |                       | 2812             | NORTH LAKE FISHERIES (2013) INC. |
| 26A                           | PE                           | 38701 BEACH POINT     |                       | 2821             | BRADLEY MACKAY                   |
| 26A                           | PE                           | 38701 BEACH POINT     |                       | 2822             | CURTIS BUTLER                    |
| 26A                           | PE                           | 38701 BEACH POINT     |                       | 2823             | DEAN LIVINGSTONE                 |
| 26A                           | PE                           | 38701 BEACH POINT     |                       | 2824             | JEFF WHITE                       |
| 26A                           | PE                           | 38701 BEACH POINT     |                       | 2825             | KENT CLEMENTS                    |
| 26A                           | PE                           | 38701 BEACH POINT     |                       | 2827             | RICHARD WHITE                    |
| 26A                           | PE                           | 38701 BEACH POINT     |                       | 2834             | WHY KNOT GIT R DUN ENTERPRISES   |
| 26A                           | PE                           | 38701 BEACH POINT     |                       | 2838             | RED ROCK SEAFOODS LTD.           |
| 26A                           | PE                           | 38706 GEORGETOWN      |                       | 2638             | SEAFOOD 2000                     |
| 24                            | PE                           | 38706 GEORGETOWN      |                       | 2813             | ANNANDALE FISHERIES              |
| 26A                           | PE                           | 38706 GEORGETOWN      |                       | 2813             | ANNANDALE FISHERIES              |
| 26A                           | PE                           | 38707 LAUNCHING       |                       | 2021             | LOVE ME FISH & LOBSTER INC.      |
| 26A                           | PE                           | 38707 LAUNCHING       |                       | 2570             | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38707 LAUNCHING       |                       | 2603             | B & C SHELLFISH INC.             |
| 26A                           | PE                           | 38707 LAUNCHING       |                       | 2638             | SEAFOOD 2000                     |
| 26A                           | PE                           | 38707 LAUNCHING       |                       | 2789             | COLVILLE BAY OYSTER CO. LTD.     |
| 26A                           | PE                           | 38707 LAUNCHING       |                       | 2795             | ROBERT MCCARTHY                  |
| 26A                           | PE                           | 38709 LOWER MONTAGUE  |                       | 2603             | B & C SHELLFISH INC.             |

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| 26A                           | PE                           | 38710        | MONTAGUE              | 2570             | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38710        | MONTAGUE              | 2603             | B & C SHELLFISH INC.             |
| 26A                           | PE                           | 38714        | NEWPORT               | 2638             | SEAFOOD 2000                     |
| 26A                           | PE                           | 38716        | STURGEON              | 2570             | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38720        | GRAHAM'S POND         | 2545             | MILLIGAN FISHERIES LTD.          |
| 26A                           | PE                           | 38720        | GRAHAM'S POND         | 2570             | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38720        | GRAHAM'S POND         | 2603             | B & C SHELLFISH INC.             |
| 26A                           | PE                           | 38720        | GRAHAM'S POND         | 2638             | SEAFOOD 2000                     |
| 26A                           | PE                           | 38720        | GRAHAM'S POND         | 2795             | ROBERT MCCARTHY                  |
| 26A                           | PE                           | 38735        | MACHON POINT          | 2570             | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38738        | MINK RIVER            | 2603             | B & C SHELLFISH INC.             |
| 26A                           | PE                           | 38738        | MINK RIVER            | 2795             | ROBERT MCCARTHY                  |
| 24                            | PE                           | 38801        | SOURIS                | 2021             | LOVE ME FISH & LOBSTER INC.      |
| 26A                           | PE                           | 38801        | SOURIS                | 2021             | LOVE ME FISH & LOBSTER INC.      |
| 26A                           | PE                           | 38801        | SOURIS                | 2032             | SEABRIGHT FISHERIES LTD.         |
| 24                            | PE                           | 38801        | SOURIS                | 2244             | SHEDIAC LOBSTER SHOP LTD.        |
| 26A                           | PE                           | 38801        | SOURIS                | 2244             | SHEDIAC LOBSTER SHOP LTD.        |
| 26A                           | PE                           | 38801        | SOURIS                | 2638             | SEAFOOD 2000                     |
| 26A                           | PE                           | 38801        | SOURIS                | 2812             | NORTH LAKE FISHERIES (2013) INC. |
| 26A                           | PE                           | 38801        | SOURIS                | 2813             | ANNANDALE FISHERIES              |
| 26A                           | PE                           | 38802        | ANNANDALE             | 2570             | MACHON'S POINT FISHERMEN CO-OP   |
| 26A                           | PE                           | 38802        | ANNANDALE             | 2603             | B & C SHELLFISH INC.             |
| 26A                           | PE                           | 38802        | ANNANDALE             | 2789             | COLVILLE BAY OYSTER CO. LTD.     |
| 24                            | PE                           | 38802        | ANNANDALE             | 2813             | ANNANDALE FISHERIES              |
| 26A                           | PE                           | 38802        | ANNANDALE             | 2813             | ANNANDALE FISHERIES              |
| 26A                           | PE                           | 38813        | FORTUNE               | 2515             | MACKINNON'S LOBSTER POUND        |
| 26A                           | PE                           | 38813        | FORTUNE               | 2545             | MILLIGAN FISHERIES LTD.          |
| 26A                           | PE                           | 38813        | FORTUNE               | 2603             | B & C SHELLFISH INC.             |
| 26A                           | PE                           | 38813        | FORTUNE               | 2812             | NORTH LAKE FISHERIES (2013) INC. |
| 24                            | PE                           | 38819        | NAUFRAGE              | 2244             | SHEDIAC LOBSTER SHOP LTD.        |
| 24                            | PE                           | 38819        | NAUFRAGE              | 2545             | MILLIGAN FISHERIES LTD.          |

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| 24                            | PE                           | 38819        | NAUFRAGE              | 2570                        | MACHON'S POINT FISHERMEN CO-OP           |
| 24                            | PE                           | 38819        | NAUFRAGE              | 2603                        | B & C SHELLFISH INC.                     |
| 24                            | PE                           | 38819        | NAUFRAGE              | 2638                        | SEAFOOD 2000                             |
| 24                            | PE                           | 38819        | NAUFRAGE              | 2789                        | COLVILLE BAY OYSTER CO. LTD.             |
| 24                            | PE                           | 38819        | NAUFRAGE              | 2795                        | ROBERT MCCARTHY                          |
| 24                            | PE                           | 38819        | NAUFRAGE              | 2812                        | NORTH LAKE FISHERIES (2013) INC.         |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2032                        | SEABRIGHT FISHERIES LTD.                 |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2244                        | SHEDIAC LOBSTER SHOP LTD.                |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2545                        | MILLIGAN FISHERIES LTD.                  |
| 26A                           | PE                           | 38820        | NORTH LAKE            | 2570                        | MACHON'S POINT FISHERMEN CO-OP           |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2570                        | MACHON'S POINT FISHERMEN CO-OP           |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2638                        | SEAFOOD 2000                             |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2789                        | COLVILLE BAY OYSTER CO. LTD.             |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2795                        | ROBERT MCCARTHY                          |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2812                        | NORTH LAKE FISHERIES (2013) INC.         |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2813                        | ANNANDALE FISHERIES                      |
| 24                            | PE                           | 38820        | NORTH LAKE            | 2818                        | BASIN VIEW SEAFOODS INC.                 |
| 24                            | PE                           | 38821        | RED HEAD              | 2021                        | LOVE ME FISH & LOBSTER INC.              |
| 24                            | PE                           | 38821        | RED HEAD              | 2032                        | SEABRIGHT FISHERIES LTD.                 |
| 24                            | PE                           | 38821        | RED HEAD              | 2244                        | SHEDIAC LOBSTER SHOP LTD.                |
| 24                            | PE                           | 38821        | RED HEAD              | 2545                        | MILLIGAN FISHERIES LTD.                  |
| 24                            | PE                           | 38821        | RED HEAD              | 2812                        | NORTH LAKE FISHERIES (2013) INC.         |
| 24                            | PE                           | 38824        | SAVAGE HARBOUR        | 2603                        | B & C SHELLFISH INC.                     |
| 24                            | PE                           | 38824        | SAVAGE HARBOUR        | 2638                        | SEAFOOD 2000                             |
| 24                            | PE                           | 38824        | SAVAGE HARBOUR        | 2784                        | SAVAGE HARBOUR FISHERIES SERVICE INC.    |
| 24                            | PE                           | 39207        | ELMSDALE              | 2604                        | HARDY'S CHANNEL FISHERMAN CO-OP          |
| 24                            | PE                           | 39212        | SEACOW POND           | 2544                        | ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP |
| 25                            | PE                           | 39212        | SEACOW POND           | 2544                        | ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP |
| 25                            | PE                           | 39212        | SEACOW POND           | 2608                        | L & S MARKETING LTD.                     |
| 24                            | PE                           | 39212        | SEACOW POND           | 2608                        | L & S MARKETING LTD.                     |
| 25                            | PE                           | 39212        | SEACOW POND           | 2812                        | NORTH LAKE FISHERIES (2013) INC.         |

| Fishing Area based on Licence | Province of the Place Landed | Place Landed | Community Description | Buyer Code (First 4 digits) | Buyer Name                               |
|-------------------------------|------------------------------|--------------|-----------------------|-----------------------------|------------------------------------------|
| 25                            | PE                           | 39214        | TIGNISH RUN           | 2544                        | ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP |
| 24                            | PE                           | 39214        | TIGNISH RUN           | 2544                        | ROYAL STAR FOODS LTD/ TIGNISH FISH. COOP |
| 24                            | PE                           | 39214        | TIGNISH RUN           | 2608                        | L & S MARKETING LTD.                     |
| 24                            | PE                           | 39230        | NORTHPORT             | 2546                        | ALBERTON FISHERIES LTD.                  |
| 24                            | PE                           | 39230        | NORTHPORT             | 2608                        | L & S MARKETING LTD.                     |
| 24                            | PE                           | 39230        | NORTHPORT             | 2816                        | RED COVE SEAFOOD PRODUCTS                |
| 24                            | PE                           | 39230        | NORTHPORT             | 2831                        | MARITIME SELECT LOBSTER INC              |
| 24                            | PE                           | 39306        | DARNLEY               | 2509                        | MADDIX SEAFOOD CONNECTION                |
| 24                            | PE                           | 39306        | DARNLEY               | 2649                        | ARSENAULT FISH MART INC.                 |
| 24                            | PE                           | 39306        | DARNLEY               | 2818                        | BASIN VIEW SEAFOODS INC.                 |
| 24                            | PE                           | 39307        | ELLERSLIE             | 2604                        | HARDY'S CHANNEL FISHERMAN CO-OP          |
| 24                            | PE                           | 39312        | MALPEQUE              | 2509                        | MADDIX SEAFOOD CONNECTION                |
| 24                            | PE                           | 39312        | MALPEQUE              | 2549                        | CABOT FISHERMEN'S / MALPEQUE FISH CO-OP  |
| 24                            | PE                           | 39312        | MALPEQUE              | 2640                        | BLUE HERON SEAFOODS                      |
| 24                            | PE                           | 39312        | MALPEQUE              | 2818                        | BASIN VIEW SEAFOODS INC.                 |
| 24                            | PE                           | 39328        | LENNOX ISLAND         | 2649                        | ARSENAULT FISH MART INC.                 |
| 24                            | PE                           | 39328        | LENNOX ISLAND         | 2773                        | FISHERMAN'S PRIDE                        |
| 24                            | PE                           | 39340        | MILLIGAN'S WHARF      | 2604                        | HARDY'S CHANNEL FISHERMAN CO-OP          |
| 24                            | PE                           | 39340        | MILLIGAN'S WHARF      | 2649                        | ARSENAULT FISH MART INC.                 |
| 24                            | PE                           | 39340        | MILLIGAN'S WHARF      | 2812                        | NORTH LAKE FISHERIES (2013) INC.         |
| 24                            | PE                           | 39340        | MILLIGAN'S WHARF      | 2831                        | MARITIME SELECT LOBSTER INC              |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2509                        | MADDIX SEAFOOD CONNECTION                |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2514                        | BELLE RIVER ENTERPRISES                  |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2551                        | FRENCH RIVER CANNERY LTD.                |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2555                        | L & C FISHERIES                          |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2603                        | B & C SHELLFISH INC.                     |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2649                        | ARSENAULT FISH MART INC.                 |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2794                        | JMK FISH MART                            |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2818                        | BASIN VIEW SEAFOODS INC.                 |
| 24                            | PE                           | 39503        | FRENCH RIVER          | 2837                        | J MAC FISHERIES                          |
| 24                            | PE                           | 39504        | NORTH RUSTICO         | 2514                        | BELLE RIVER ENTERPRISES                  |

| Fishing Area based on Licence | Province of the Place Landed | Place Landed | Community Description | Buyer Code (First 4 digits) | Buyer Name                            |
|-------------------------------|------------------------------|--------------|-----------------------|-----------------------------|---------------------------------------|
| 24                            | PE                           | 39504        | NORTH RUSTICO         | 2553                        | DOIRON FISHERIES                      |
| 24                            | PE                           | 39504        | NORTH RUSTICO         | 2562                        | CAVENDISH SEAFOODS INC.               |
| 24                            | PE                           | 39504        | NORTH RUSTICO         | 2649                        | ARSENAULT FISH MART INC.              |
| 25                            | PE                           | 39504        | NORTH RUSTICO         | 2649                        | ARSENAULT FISH MART INC.              |
| 24                            | PE                           | 39504        | NORTH RUSTICO         | 2818                        | BASIN VIEW SEAFOODS INC.              |
| 24                            | PE                           | 39505        | PARK CORNER           | 2551                        | FRENCH RIVER CANNERY LTD.             |
| 24                            | PE                           | 39507        | STANLEY BRIDGE        | 2649                        | ARSENAULT FISH MART INC.              |
| 24                            | PE                           | 39510        | NEW LONDON            | 2649                        | ARSENAULT FISH MART INC.              |
| 24                            | PE                           | 39602        | COVEHEAD              | 2562                        | CAVENDISH SEAFOODS INC.               |
| 24                            | PE                           | 39602        | COVEHEAD              | 2812                        | NORTH LAKE FISHERIES (2013) INC.      |
| 24                            | PE                           | 39606        | TRACADIE              | 2562                        | CAVENDISH SEAFOODS INC.               |
| 24                            | PE                           | 39606        | TRACADIE              | 2638                        | SEAFOOD 2000                          |
| 24                            | PE                           | 39606        | TRACADIE              | 2784                        | SAVAGE HARBOUR FISHERIES SERVICE INC. |

| Fishing Area based on Licence | Province of the Place Landed | Place Landed | Community Description  | Buyer Code (First 4 digits) | Buyer Name                         |
|-------------------------------|------------------------------|--------------|------------------------|-----------------------------|------------------------------------|
| 26B                           | NS                           | 10201        | CHETICAMP              | 2026                        | POIRIER FISH LTD                   |
| 26B                           | NS                           | 10201        | CHETICAMP              | 2103                        | PECHERIES CHETICAMP FISHERIES      |
| 26B                           | NS                           | 10201        | CHETICAMP              | 2246                        | CAPE BALD PACKERS LTD. (CHETICAMP) |
| 26B                           | NS                           | 10208        | GRAND ETANG            | 2026                        | POIRIER FISH LTD                   |
| 26B                           | NS                           | 10208        | GRAND ETANG            | 2103                        | PECHERIES CHETICAMP FISHERIES      |
| 26B                           | NS                           | 10208        | GRAND ETANG            | 2246                        | CAPE BALD PACKERS LTD. (CHETICAMP) |
| 26B                           | NS                           | 10208        | GRAND ETANG            | 4596                        | BALLAST GROUNDS FISHERIES          |
| 26B                           | NS                           | 10212        | MARGAREE HARBOUR       | 2095                        | ISLAND SUNSET SEAFOOD LTD.         |
| 26B                           | NS                           | 10212        | MARGAREE HARBOUR       | 2103                        | PECHERIES CHETICAMP FISHERIES      |
| 26B                           | NS                           | 10212        | MARGAREE HARBOUR       | 4596                        | BALLAST GROUNDS FISHERIES          |
| 26B                           | NS                           | 10214        | PLEASANT BAY           | 2103                        | PECHERIES CHETICAMP FISHERIES      |
| 26B                           | NS                           | 10214        | PLEASANT BAY           | 2246                        | CAPE BALD PACKERS LTD. (CHETICAMP) |
| 26B                           | NS                           | 10306        | FINLAY POINT           | 2007                        | CEILIDH FISHERMEN CO-OP            |
| 26B                           | NS                           | 10306        | FINLAY POINT           | 2095                        | ISLAND SUNSET SEAFOOD LTD.         |
| 26B                           | NS                           | 10308        | INVERNESS              | 2095                        | ISLAND SUNSET SEAFOOD LTD.         |
| 26B                           | NS                           | 10308        | INVERNESS              | 2246                        | CAPE BALD PACKERS LTD. (CHETICAMP) |
| 26B                           | NS                           | 10308        | INVERNESS              | 4596                        | BALLAST GROUNDS FISHERIES          |
| 26B                           | NS                           | 10313        | LITTLE JUDIQUE HARBOUR | 2007                        | CEILIDH FISHERMEN CO-OP            |
| 26B                           | NS                           | 10314        | LITTLE JUDIQUE PONDS   | 2007                        | CEILIDH FISHERMEN CO-OP            |
| 26B                           | NS                           | 10319        | MABOU HARBOUR          | 2007                        | CEILIDH FISHERMEN CO-OP            |
| 26B                           | NS                           | 10324        | MURPHY'S POND          | 2007                        | CEILIDH FISHERMEN CO-OP            |
| 26B                           | NS                           | 10324        | MURPHY'S POND          | 4596                        | BALLAST GROUNDS FISHERIES          |
| 26B                           | NS                           | 10330        | PORT HOOD              | 4847                        | RBN FISHERIES                      |
| 26B                           | NS                           | 10341        | BAXTER'S COVE          | 2007                        | CEILIDH FISHERMEN CO-OP            |
| 26B                           | NS                           | 10341        | BAXTER'S COVE          | 4847                        | RBN FISHERIES                      |
| 26A                           | NS                           | 11001        | BARRACHOIS             | 2041                        | NORTH NOVA SEAFOODS LTD.           |
| 26A                           | NS                           | 11001        | BARRACHOIS             | 2091                        | CAPE JOHN CRAB & SEAFOOD LTD.      |
| 26A                           | NS                           | 11001        | BARRACHOIS             | 2094                        | AQUASHELL INC.                     |
| 26A                           | NS                           | 11102        | CARIBOU/FERRY WHARF    | 2041                        | NORTH NOVA SEAFOODS LTD.           |
| 26A                           | NS                           | 11102        | CARIBOU/FERRY WHARF    | 2043                        | JAMES GUNNING LYON'S LOBSTER POT   |
| 26A                           | NS                           | 11102        | CARIBOU/FERRY WHARF    | 2091                        | CAPE JOHN CRAB & SEAFOOD LTD.      |
| 26A                           | NS                           | 11102        | CARIBOU/FERRY WHARF    | 2108                        | ARISAIG FISHERIES (2012)           |

| Fishing Area<br>based on<br>Licence | Province of<br>the Place<br>Landed | Place Landed | Community Description | Buyer Code<br>(First 4 digits) | Buyer Name                            |
|-------------------------------------|------------------------------------|--------------|-----------------------|--------------------------------|---------------------------------------|
| 26A                                 | NS                                 | 11102        | CARIBOU/FERRY WHARF   | 2109                           | L.A.K.                                |
| 26A                                 | NS                                 | 11102        | CARIBOU/FERRY WHARF   | 5383                           | WEDGEPORT LOBSTERS LTD.               |
| 26A                                 | NS                                 | 11111        | CAPE JOHN             | 2041                           | NORTH NOVA SEAFOODS LTD.              |
| 26A                                 | NS                                 | 11111        | CAPE JOHN             | 2088                           | NORTHUMBERLAND FISH CO-OPERATIVE LTD. |
| 26A                                 | NS                                 | 11111        | CAPE JOHN             | 2091                           | CAPE JOHN CRAB & SEAFOOD LTD.         |
| 26A                                 | NS                                 | 11111        | CAPE JOHN             | 2108                           | ARISAIG FISHERIES (2012)              |
| 26A                                 | NS                                 | 11113        | TONEY RIVER           | 2043                           | JAMES GUNNING LYON'S LOBSTER POT      |
| 26A                                 | NS                                 | 11113        | TONEY RIVER           | 2088                           | NORTHUMBERLAND FISH CO-OPERATIVE LTD. |
| 26A                                 | NS                                 | 11113        | TONEY RIVER           | 5383                           | WEDGEPORT LOBSTERS LTD.               |
| 26A                                 | NS                                 | 11115        | SKINNER'S COVE        | 2041                           | NORTH NOVA SEAFOODS LTD.              |
| 26A                                 | NS                                 | 11115        | SKINNER'S COVE        | 2088                           | NORTHUMBERLAND FISH CO-OPERATIVE LTD. |
| 26A                                 | NS                                 | 11115        | SKINNER'S COVE        | 2091                           | CAPE JOHN CRAB & SEAFOOD LTD.         |
| 26A                                 | NS                                 | 11116        | LOGAN'S POINT         | 2041                           | NORTH NOVA SEAFOODS LTD.              |
| 26A                                 | NS                                 | 11125        | PICTOU ISLAND WEST    | 2041                           | NORTH NOVA SEAFOODS LTD.              |
| 26A                                 | NS                                 | 11201        | BIG ISLAND            | 2108                           | ARISAIG FISHERIES (2012)              |
| 26A                                 | NS                                 | 11202        | LISMORE               | 2108                           | ARISAIG FISHERIES (2012)              |
| 26A                                 | NS                                 | 11203        | LITTLE HARBOUR        | 2041                           | NORTH NOVA SEAFOODS LTD.              |
| 26A                                 | NS                                 | 11203        | LITTLE HARBOUR        | 2108                           | ARISAIG FISHERIES (2012)              |
| 26A                                 | NS                                 | 11207        | PICTOU LANDING        | 2041                           | NORTH NOVA SEAFOODS LTD.              |
| 26A                                 | NS                                 | 11207        | PICTOU LANDING        | 2108                           | ARISAIG FISHERIES (2012)              |
| 26A                                 | NS                                 | 11303        | ARISAIG               | 2108                           | ARISAIG FISHERIES (2012)              |
| 26A                                 | NS                                 | 11304        | BALLANTYNE'S COVE     | 2016                           | NORTH BAY FISHERMEN CO-OP             |
| 26A                                 | NS                                 | 11304        | BALLANTYNE'S COVE     | 2017                           | ARISAIG FISHERIES LTD.                |
| 26A                                 | NS                                 | 11304        | BALLANTYNE'S COVE     | 2108                           | ARISAIG FISHERIES (2012)              |
| 26A                                 | NS                                 | 11304        | BALLANTYNE'S COVE     | 4299                           | QUALITY SEAFOODS LTD.                 |
| 26A                                 | NS                                 | 11305        | BAYFIELD              | 2016                           | NORTH BAY FISHERMEN CO-OP             |
| 26A                                 | NS                                 | 11305        | BAYFIELD              | 2109                           | L.A.K.                                |
| 26A                                 | NS                                 | 11308        | HAVRE BOUCHER         | 4847                           | RBN FISHERIES                         |
| 26A                                 | NS                                 | 11311        | LIVINGSTONE'S COVE    | 2016                           | NORTH BAY FISHERMEN CO-OP             |
| 26A                                 | NS                                 | 11311        | LIVINGSTONE'S COVE    | 2108                           | ARISAIG FISHERIES (2012)              |
| 26A                                 | NS                                 | 11318        | TRACADIE              | 2109                           | L.A.K.                                |



| Fishing Area based on Licence | Province of the Place Landed | Place Landed | Community Description | Buyer Code (First 4 digits) | Buyer Name                |
|-------------------------------|------------------------------|--------------|-----------------------|-----------------------------|---------------------------|
| 26A                           | NS                           | 11320        | BARRIOS BEACH         | 2109                        | L.A.K.                    |
| 26A                           | NS                           | 11320        | BARRIOS BEACH         | 4847                        | RBN FISHERIES             |
| 26A                           | NS                           | 11321        | CRIBBENS POINT        | 2016                        | NORTH BAY FISHERMEN CO-OP |
| 26A                           | NS                           | 11321        | CRIBBENS POINT        | 2108                        | ARISAIG FISHERIES (2012)  |
| 26B                           | NS                           | 11402        | AULD'S COVE           | 2093                        | BST LOBSTER SALES LTD.    |
| 26B                           | NS                           | 11402        | AULD'S COVE           | 4847                        | RBN FISHERIES             |
| 25                            | NS                           | 14502        | NORTHPORT             | 2094                        | AQUASHELL INC.            |
| 25                            | NS                           | 14505        | PUGWASH               | 2027                        | CHASE'S LOBSTER LTD       |
| 26A                           | NS                           | 14505        | PUGWASH               | 2027                        | CHASE'S LOBSTER LTD       |
| 26A                           | NS                           | 14505        | PUGWASH               | 2094                        | AQUASHELL INC.            |
| 25                            | NS                           | 14505        | PUGWASH               | 5104                        | ABUPTIC LOBSTER LTD.      |
| 26A                           | NS                           | 14604        | MALAGASH              | 2094                        | AQUASHELL INC.            |
| 26A                           | NS                           | 14607        | WALLACE               | 2027                        | CHASE'S LOBSTER LTD       |
| 26A                           | NS                           | 14607        | WALLACE               | 2094                        | AQUASHELL INC.            |

## Massiera, Josiane

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**From:** Massiera, Josiane  
**Sent:** February-04-19 3:50 PM  
**To:** Maclachlan, Mark  
**Cc:** Lemay, Gaëlle; Légère, Martine (Martine.Legere@dfo-mpo.gc.ca)  
**Subject:** FW: Homeports - Port d'attaches  
**Attachments:** SCH - Gulf Region Homeports.xlsx

Hi Mark,

If you remember at the lobster Advisory last December, there were a lot of comments regarding your slides on number of licences per port. We had noted as an action item, to do a clean-up of the homeport information.

Martine and I met with Pauline Richard of SCH. From the list of port (community) in GFIS, they highlighted in green their list of ports, as well as provided notes in red. You can ignore the last columns.

With this list, could you look into how we could clean-up the lobster licences' s homeports?

Josiane

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**From:** Légère, Martine  
**Sent:** February-04-19 12:53 PM  
**To:** Richard, Pauline M; Massiera, Josiane  
**Subject:** FW: Homeports - Port d'attaches

Bonjour Pauline,

Merci pour ce travail. Je vais partager la liste avec Josianne Massiera qui avait enclenché le but de cet exercice.

Bonne journée

*Martine Légère*

---

**From:** Richard, Pauline M <Pauline.Richard@dfo-mpo.gc.ca>  
**Sent:** Friday, February 1, 2019 9:04 AM  
**To:** Légère, Martine <Martine.Legere@dfo-mpo.gc.ca>  
**Cc:** Richard, Pauline M <Pauline.Richard@dfo-mpo.gc.ca>  
**Subject:** RE: Homeports - Port d'attaches

Bonjour Martine!

Encore une fois, désolé pour le retard de cette réponse. Dans le gabarit ci-joint, tu trouveras les ports de PPB surligner en vert ainsi que nos commentaires/modifications écrit en rouge.

Merci et bon vendredi !

Pauline

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**From:** Vienneau, Léo M <[Leo.Vienneau@dfo-mpo.gc.ca](mailto:Leo.Vienneau@dfo-mpo.gc.ca)>  
**Sent:** Thursday, December 13, 2018 8:52 AM  
**To:** Richard, Pauline M <[Pauline.Richard@dfo-mpo.gc.ca](mailto:Pauline.Richard@dfo-mpo.gc.ca)>; Melanson, Yves <[Yves.Melanson@dfo-mpo.gc.ca](mailto:Yves.Melanson@dfo-mpo.gc.ca)>  
**Cc:** Cormier, Marcel E <[Marcel.Cormier@dfo-mpo.gc.ca](mailto:Marcel.Cormier@dfo-mpo.gc.ca)>  
**Subject:** Fw: Homeports - Port d'attaches

Pauline, est-ce que tu pourrais regarder à cette demande et voir ce que nous pouvons faire.  
Leo

Sent from my BlackBerry 10 smartphone on the Bell network.

---

**From:** Légère, Martine <[Martine.Legere@dfo-mpo.gc.ca](mailto:Martine.Legere@dfo-mpo.gc.ca)>  
**Sent:** Thursday, December 13, 2018 8:28 AM  
**To:** Vienneau, Léo M  
**Subject:** Homeports - Port d'attaches

Bonjour Léo,  
Je me demandais si vous aviez une liste de port d'attaches valide/actif pour la région du Golfe.

Je t'envoie le rapport que j'ai demandé de IT. Ceci est un rapport de Tout les port d'attaches qui sont dans Gulf Fishery information System GFIS.  
On aimerait faire un cleanup dans les port d'attache car on me dit que plusieurs sont inexistant mais nous n'avons pas l'information.

Si tu as une suggestion de comment on pourrait faire ceci laisse moi savoir.

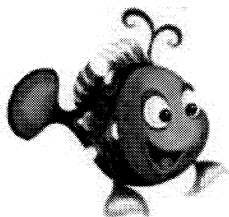
Merci

*Martine Légère*

Regional Manager, Licensing Services // Gestionnaire régionale, Services de délivrance des permis  
Fisheries and Aquaculture Management Branch // Direction de la Gestion des Pêches et de l'Aquaculture  
Fisheries and Oceans Canada // Pêches et Océans Canada  
Government of Canada // Gouvernement du Canada  
[martine.legere@dfo-mpo.gc.ca](mailto:martine.legere@dfo-mpo.gc.ca) / Tel: (506) 851-7810



I encourage you to reply to this e-mail in the official language of your choice. / Je vous encourage à répondre à ce courriel dans la langue officielle de votre choix.



| COMMUNITY_NAME                | COMMUN_COMMENTS                                                               | Statistic - Port Code | Fisher Registration | Vessel Registration | Wharf |
|-------------------------------|-------------------------------------------------------------------------------|-----------------------|---------------------|---------------------|-------|
| BAY ST. LAWRENCE              |                                                                               | Yes                   | Yes                 | Yes                 | Yes   |
| CAPE NORTH                    |                                                                               |                       |                     |                     |       |
| CAPSTICK                      |                                                                               |                       |                     |                     |       |
| MEAT COVE                     |                                                                               |                       | Yes                 | Yes                 | Yes   |
| BLACK POINT                   |                                                                               |                       |                     |                     |       |
| ST. MARGARET'S VILLAGE        | Tracked under Bay St. Lawrence                                                |                       | Yes                 |                     |       |
| STATS DISTRICT 01             | NULL                                                                          |                       |                     |                     |       |
| CHETICAMP (La Digue)          |                                                                               | Yes                   | Yes                 | Yes                 | Yes   |
| BROAD COVE MARSH              | Same as BROAD COVE                                                            |                       | Yes                 | Yes                 | Yes   |
| CAP LE MOINE                  | USE - MARGAREE HARBOUR # 10212                                                |                       | Yes                 |                     |       |
| CAPE ROUGE                    |                                                                               |                       | Yes                 |                     |       |
| CHIMNEY CORNER                |                                                                               |                       | Yes                 |                     |       |
| DUNVEGAN                      |                                                                               |                       | Yes                 |                     |       |
| FRIAR'S HEAD                  |                                                                               |                       |                     |                     |       |
| GRAND ETANG                   |                                                                               | Yes                   | Yes                 | Yes                 | Yes   |
| LA POINTE                     | USE - CHETICAMP ISLAND # 10229 / Tracked under Cheticamp Point                | Yes                   | Yes                 | Yes                 | Yes   |
| MARGAREE BEACH                | USE - MARGAREE HARBOUR # 10212 / Tracked under Margaree Harbour (Belle Cote), |                       | Yes                 | Yes                 | Yes   |
| MARGAREE FORKS                | USE - MARGAREE HARBOUR # 10212                                                |                       | Yes                 | Yes                 | Yes   |
| MARGAREE HARBOUR (BELLE COTE) | Same as MARGAREE RIVER                                                        | Yes                   | Yes                 | Yes                 | Yes   |
| MARGAREE ISLAND               | USE - MARGAREE HARBOUR # 10212                                                | Yes                   |                     |                     | Yes   |
| PLEASANT BAY                  |                                                                               |                       |                     |                     |       |
| POINT CROSS                   |                                                                               | Yes                   | Yes                 | Yes                 | Yes   |
| ST. JOSEPH DU MOINE           |                                                                               |                       |                     |                     |       |
| ST. ROSE                      |                                                                               |                       |                     |                     | Yes   |
| TERRE NOIRE                   |                                                                               |                       |                     |                     | Yes   |
| WHALE COVE                    |                                                                               |                       |                     |                     | Yes   |
| SOUTH WEST MARGAREE           |                                                                               | Yes                   | Yes                 |                     |       |
| BELLE MARCHE                  | USE - CHETICAMP # 10201                                                       |                       |                     |                     |       |
| GILLSDALE                     |                                                                               |                       | Yes                 |                     |       |
| PLATEAU                       |                                                                               |                       |                     |                     |       |
| PETIT ETANG                   |                                                                               |                       | Yes                 |                     |       |
| SCOTSVILLE                    |                                                                               |                       | Yes                 |                     |       |
| UPPER MARGAREE                |                                                                               |                       | Yes                 |                     |       |
| BELLE COTE                    | Tracked under Margaree Harbour (Belle Cote)                                   | Yes                   | Yes                 | Yes                 | Yes   |
| MARGAREE VALLEY               |                                                                               |                       |                     |                     |       |
| CHETICAMP ISLAND              |                                                                               |                       | Yes                 | Yes                 |       |
| MARGAREE                      |                                                                               | Yes                   | Yes                 | Yes                 | Yes   |
| CHETICAMP POINT               | USE - MARGAREE HARBOUR # 10212 / Tracked under Margaree Harbour (Belle Cote), | Yes                   | Yes                 |                     |       |
| STATS DISTRICT 02             | FOR SMALL CRAFT HARBOURS ONLY                                                 |                       |                     |                     |       |
| BROAD COVE MARSH              | NULL                                                                          |                       |                     |                     |       |
| COLINDALE                     |                                                                               | Yes                   |                     |                     | Yes   |
| CRAIGMORE                     |                                                                               |                       | Yes                 |                     | Yes   |
| CREIGNISH                     |                                                                               | Yes                   | Yes                 | Yes                 | Yes   |
| FINLAY POINT                  |                                                                               | Yes                   | Yes                 | Yes                 | Yes   |
| HARBOUR VIEW                  |                                                                               |                       |                     |                     |       |
| INVERNESS (Mtsaac Pond)       |                                                                               | Yes                   | Yes                 | Yes                 | Yes   |
| INVERSIDE                     |                                                                               | Yes                   |                     |                     | Yes   |
| JUDIQUE (Baxter's Cove)       |                                                                               | Yes                   | Yes                 | Yes                 | Yes   |

|                        |                                                                     |     |     |
|------------------------|---------------------------------------------------------------------|-----|-----|
| JUDIQUE NORTH          | USE - LITTLE JUDIQUE HARBOUR #10313                                 | Yes | Yes |
| JUDIQUE SOUTH          | USE - BAXTER'S COVE # 10341 / Tracked under Judique (Baxter's Cove) |     | Yes |
| LITTLE JUDIQUE HARBOUR | Same as JUDIQUE NORTH                                               | Yes | Yes |
| LITTLE JUDIQUE PONDS   |                                                                     | Yes | Yes |
| LIVINGSTONE'S POND     |                                                                     |     | Yes |
| LONG POINT             |                                                                     |     | Yes |
| LOW POINT              |                                                                     |     | Yes |
| MABOU                  | O.K. FOR EELS / Tracked under Mabou Harbour                         | Yes | Yes |
| MABOU HARBOUR          |                                                                     | Yes | Yes |
| MABOU MINES            | Tracked under Finlay Point                                          | Yes | Yes |
| MARYVILLE              | Same as PIG COVE / Tracked under Little Judique Ponds               | Yes | Yes |
| MURPHY'S POND          |                                                                     | Yes | Yes |
| NORTH EAST MABOU       |                                                                     | Yes | Yes |
| PORT BAN               |                                                                     |     | Yes |
| PORT HOOD              |                                                                     | Yes | Yes |
| PORT HOOD ISLAND       |                                                                     | Yes | Yes |
| SIGHT POINT            |                                                                     |     | Yes |
| TROY                   |                                                                     | Yes |     |
| WEST MABOU HARBOUR     |                                                                     |     |     |
| JUDIQUE POND           |                                                                     | Yes | Yes |
| BAXTER'S COVE          | Same as JUDIQUE SOUTH/ Tracked under Judique (Baxter's Cove)        | Yes | Yes |
| BANKS ROAD             |                                                                     |     |     |
| BROAD COVE BANKS       |                                                                     |     |     |
| MCKAY'S POINT          |                                                                     | Yes | Yes |
| DEEPPDALE              |                                                                     |     |     |
| STATS DISTRICT 03      | NULL                                                                |     |     |
| BARRACHOIS             |                                                                     | Yes | Yes |
| BAY HEAD               |                                                                     | Yes | Yes |
| BRULE                  |                                                                     | Yes |     |
| BRULE POINT            |                                                                     | Yes |     |
| TATAMAGOUCHE           |                                                                     | Yes |     |
| WALDEGROVE             |                                                                     | Yes |     |
| SAND POINT             |                                                                     | Yes |     |
| STATS DISTRICT 10      | NULL                                                                |     |     |
| BAYVIEW                |                                                                     | Yes | Yes |
| CARIBOU/FERRY WHARF    | Same as LITTLE ENTRANCE                                             | Yes | Yes |
| LOUISDALE              |                                                                     |     | Yes |
| MIDDLE RIVER           |                                                                     |     | Yes |
| PICTOU                 | USE - PICTOU HARBOUR # 11126                                        | Yes | Yes |
| PICTOU ISLAND EAST     | Tracked under Pictou Island                                         | Yes | Yes |
| RIVER JOHN             | USE - CAPE JOHN # 11111                                             | Yes | Yes |
| SAND POINT             | * ALSO COM.CODE #11007                                              | Yes | Yes |
| THREE BROOKS           |                                                                     |     |     |
| SYLVESTER              |                                                                     |     |     |
| CAPE JOHN              | Same as RIVER JOHN                                                  | Yes | Yes |
| MACDONALD'S COVE       |                                                                     | Yes | Yes |
| TONEY RIVER            |                                                                     | Yes | Yes |
| CARRIBOU ISLAND        |                                                                     | Yes | Yes |
| SKINNER'S COVE         |                                                                     | Yes | Yes |

|                                   |                                                             |     |     |     |
|-----------------------------------|-------------------------------------------------------------|-----|-----|-----|
| LOGAN'S POINT                     | USE CARIBOU 11102                                           | Yes | Yes | Yes |
| BARKHOUSE                         |                                                             |     |     | Yes |
| MEADOWVILLE                       |                                                             |     |     | Yes |
| LYONS BROOK                       |                                                             |     |     |     |
| SCOTSBURN                         |                                                             |     | Yes | Yes |
| CARIBOU RIVER                     |                                                             |     | Yes |     |
| WATERSIDE                         |                                                             |     |     |     |
| MARSHVILLE                        |                                                             |     |     |     |
| NARROW ENTRANCE                   | COMPANY OWNED WHARF - Tracked under Caribou Little Entrance |     |     |     |
| PICTOU ISLAND WEST                | Tracked under Pictou Island                                 |     |     |     |
| PICTOU HARBOUR                    | SAME AS PIER B                                              | Yes | Yes | Yes |
| CARIBOU HARBOUR                   | USE FERRY WHARF - 11102                                     | Yes | Yes | Yes |
| CARIBOU LITTLE ENTRANCE           | FOR SMALL CRAFT HARBOURS ONLY                               | Yes | Yes |     |
| OVER THE SIDE SALES               | SALES FROM VESSEL TO VESSEL AT SEA                          |     |     |     |
| STATS DISTRICT 11                 | NULL                                                        |     |     |     |
| BIG ISLAND                        |                                                             | Yes | Yes | Yes |
| LISMORE                           | Tracked under Bailey's Brook                                | Yes | Yes | Yes |
| LITTLE HARBOUR                    |                                                             | Yes | Yes | Yes |
| MERIGOMISH                        |                                                             | Yes | Yes | Yes |
| NEW GLASGOW                       |                                                             | Yes | Yes | Yes |
| PICTOU HARBOUR                    |                                                             | Yes | Yes | Yes |
| PICTOU LANDING                    |                                                             | Yes | Yes | Yes |
| TRENTON                           |                                                             | Yes | Yes | Yes |
| BAILEY'S BROOK (LISMORE)          |                                                             | Yes | Yes | Yes |
| GRANTON                           |                                                             |     |     |     |
| CHANCE HARBOUR                    | FOR SINCLAIR ISLAND                                         | Yes | Yes | Yes |
| BLACK POINT                       |                                                             | Yes |     | Yes |
| ARDNESS                           |                                                             |     |     |     |
| AVONDALE STATION                  |                                                             |     |     |     |
| FRASER'S MOUNTAIN                 |                                                             |     |     |     |
| KIRKMOUNT                         |                                                             |     |     |     |
| COALBURN                          |                                                             |     |     |     |
| STELLARTON                        |                                                             | Yes | Yes |     |
| WESTVILLE                         |                                                             |     | Yes |     |
| WOODBURN                          |                                                             |     |     |     |
| THORBURN                          |                                                             | Yes | Yes |     |
| AVONDALE                          |                                                             |     |     | Yes |
| ABERCROMBIE                       |                                                             |     |     | Yes |
| BARNEY'S RIVER                    |                                                             | Yes | Yes |     |
| EGERTON                           |                                                             |     |     |     |
| KINGS HEAD                        |                                                             |     |     |     |
| SUNNY BRAE                        |                                                             |     |     |     |
| SINCLAIR ISLAND                   | USE - CHANCE HARBOUR - 11211                                |     | Yes | Yes |
| STATS DISTRICT 12                 | NULL                                                        |     |     |     |
| ANTIGONISH                        | USE - ANTIGONISH HARBOUR # 11302                            | Yes | Yes | Yes |
| ANTIGONISH HARBOUR                | Same as MAHONEY'S BEACH                                     | Yes | Yes | Yes |
| ARISAIG                           |                                                             | Yes | Yes | Yes |
| BALLANTYNE'S COVE (McNair's Cove) |                                                             | Yes | Yes | Yes |
| BAYFIELD (POMQUET POINT)          |                                                             | Yes | Yes | Yes |

|                          |                                                                                 |     |     |     |
|--------------------------|---------------------------------------------------------------------------------|-----|-----|-----|
| EAST TRACADIE            | USE - TRACADIE, N.S. # 11318 / Track under Barrios Beach                        | Yes | Yes | Yes |
| HAVRE BOUCHER            |                                                                                 | Yes | Yes | Yes |
| LAKEVALE                 |                                                                                 | Yes | Yes | Yes |
| LINWOOD                  |                                                                                 | Yes | Yes | Yes |
| LIVINGSTONE'S COVE       |                                                                                 | Yes | Yes | Yes |
| LONG POINT               |                                                                                 | Yes |     | Yes |
| MALIGANT COVE            |                                                                                 |     | Yes | Yes |
| MONK'S HEAD              |                                                                                 |     |     | Yes |
| MORRISTOWN               | USE - CRIBBONS POINT # 11321 / Tracked under Cribbons Point                     | Yes | Yes | Yes |
| POMQUET                  | Same as POMQUET HARBOUR                                                         | Yes | Yes | Yes |
| SOUTHSIDE HARBOUR        |                                                                                 | Yes | Yes | Yes |
| TRACADIE                 | Tracked under Barrios Beach                                                     | Yes | Yes | Yes |
| WEST TRACADIE            |                                                                                 |     | Yes | Yes |
| BARRIOS BEACH (Tracadie) |                                                                                 | Yes | Yes | Yes |
| CRIBBONS POINT           | Same as MORRISTOWN LANDING                                                      | Yes | Yes | Yes |
| OGDEN'S POND             |                                                                                 |     |     | Yes |
| GEORGEVILLE              |                                                                                 |     | Yes |     |
| CAPE GEORGE              |                                                                                 |     | Yes |     |
| AFTON                    | USE - BALLANTYNES COVE # 11304 / Tracked under Ballantynes Cove (Mcnair's Cove) |     | Yes |     |
| CAPE GEORGE PT.          | USE POMQUET - 11316                                                             |     | Yes |     |
| EAST HAVRE BOUCHER       |                                                                                 |     |     |     |
| FRANKVILLE               |                                                                                 |     |     |     |
| JAMES RIVER              |                                                                                 |     |     |     |
| MORAR                    |                                                                                 |     |     |     |
| PINEVALE                 |                                                                                 |     |     |     |
| PLEASANT VALLEY          |                                                                                 |     |     |     |
| SOUTH RIVER              |                                                                                 | Yes | Yes |     |
| SUMMERSIDE               |                                                                                 | Yes |     |     |
| WEST HAVRE BOUCHER       |                                                                                 |     |     |     |
| WILLIAMS POINT           |                                                                                 | Yes |     |     |
| DOCTORS BROOK            |                                                                                 |     |     |     |
| HEATHERTON               |                                                                                 |     | Yes |     |
| MONASTERY                |                                                                                 |     | Yes |     |
| LANARK                   |                                                                                 |     | Yes |     |
| MARYVALE                 |                                                                                 |     | Yes |     |
| WEST PLEASANT VALLEY     |                                                                                 |     | Yes |     |
| BRIERLY BROOK            |                                                                                 |     | Yes |     |
| GREENWOLD                |                                                                                 |     | Yes |     |
| WEST ARM TRACADIE        | USE - BAYFIELD, N.S. # 11305                                                    |     | Yes |     |
| OHIO                     |                                                                                 |     |     |     |
| STATS DISTRICT 13        | NULL                                                                            |     |     |     |
| AULD'S COVE              |                                                                                 | Yes | Yes | Yes |
| STATS DISTRICT 14        | NULL                                                                            |     |     |     |
| LINDEN                   |                                                                                 |     |     |     |
| NORTHPORT                | USE - NORTHPORT, N.S. # 14502 / Tracked under Northport                         | Yes | Yes | Yes |
| PORT HOWE                |                                                                                 | Yes | Yes |     |
| PORT PHILLIP             |                                                                                 |     | Yes | Yes |
| PUGWASH                  |                                                                                 | Yes | Yes | Yes |
| PUGWASH POINT            |                                                                                 |     |     |     |

|                    |  |  |  |     |     |     |
|--------------------|--|--|--|-----|-----|-----|
| PUGWASH RIVER      |  |  |  | Yes |     | Yes |
| RIVER PHILIP       |  |  |  | Yes | Yes | Yes |
| TIDNISH            |  |  |  | Yes | Yes |     |
| SHINIMICAS RIVER   |  |  |  |     |     |     |
| AMHERST SHORE      |  |  |  |     |     |     |
| AMHERST            |  |  |  |     |     |     |
| CALLINGWOOD        |  |  |  |     |     |     |
| CARRINGTON         |  |  |  |     |     |     |
| LORNEVILLE         |  |  |  |     |     |     |
| OXFORD             |  |  |  |     |     |     |
| SPRINGHILL         |  |  |  |     |     |     |
| WEST PUGWASH       |  |  |  |     | Yes |     |
| KALBEC             |  |  |  |     |     |     |
| PUGWASH JUNCTION   |  |  |  |     | Yes |     |
| ROCKLEY            |  |  |  |     | Yes |     |
| TIDNISH BRIDGE     |  |  |  |     |     |     |
| RIVERVIEW          |  |  |  |     | Yes |     |
| EAST LINDEN        |  |  |  |     |     |     |
| FENWICK, N.S.      |  |  |  |     |     |     |
| STATS DISTRICT 45  |  |  |  |     |     |     |
| EAST WALLACE       |  |  |  | Yes |     | Yes |
| FOX HARBOUR        |  |  |  | Yes |     |     |
| GULF SHORE         |  |  |  |     |     |     |
| MALAGASH           |  |  |  | Yes | Yes | Yes |
| MALAGASH POINT     |  |  |  |     |     |     |
| NORTH SHORE        |  |  |  | Yes | Yes | Yes |
| WALLACE            |  |  |  | Yes | Yes | Yes |
| WALLACE RIVER      |  |  |  | Yes | Yes | Yes |
| WALLACE BAY        |  |  |  |     |     |     |
| WALLACE BRIDGE     |  |  |  |     |     |     |
| MALAGASH STATION   |  |  |  | Yes | Yes |     |
| NORTH WALLACE      |  |  |  |     |     |     |
| WALLACE STATION    |  |  |  | Yes |     |     |
| STATS DISTRICT 46  |  |  |  |     |     |     |
| CLAIR              |  |  |  |     |     |     |
| EDMUNDSTON         |  |  |  |     |     |     |
| BENJAMIN RIVER     |  |  |  |     |     |     |
| BLACK POINT        |  |  |  |     | Yes | Yes |
| CAMPBELLTON        |  |  |  |     | Yes | Yes |
| CHARLO             |  |  |  |     | Yes | Yes |
| CHARLO RIVER       |  |  |  |     |     |     |
| CULLIGAN           |  |  |  |     |     |     |
| DALHOUSIE          |  |  |  | Yes | Yes | Yes |
| DALHOUSIE JUNCTION |  |  |  |     |     |     |
| DURHAM CENTRE      |  |  |  | Yes | Yes | Yes |
| JACQUET RIVER      |  |  |  | Yes | Yes | Yes |
| MCLEOD SIDING      |  |  |  |     |     |     |
| NASH CREEK         |  |  |  |     | Yes | Yes |
| NEW MILLS          |  |  |  | Yes | Yes | Yes |



|                    |                                                             |     |     |     |
|--------------------|-------------------------------------------------------------|-----|-----|-----|
| POINT LA NIM       |                                                             |     | Yes | Yes |
| BLACK LAND         |                                                             |     |     |     |
| UPPER CHARLO       |                                                             |     |     |     |
| DARLINGTON         |                                                             |     |     |     |
| SEASIDE            |                                                             |     |     |     |
| EEL RIVER CROSSING | USE - DALHOUSIE # 26307                                     |     | Yes |     |
| MAPLE GREEN        |                                                             |     |     |     |
| EEL RIVER          |                                                             | Yes |     | Yes |
| HERON ISLAND       |                                                             | Yes |     |     |
| ATHOLVILLE         |                                                             |     |     |     |
| ARMSTRONG BROOK    |                                                             |     |     |     |
| BALMORAL           |                                                             |     | Yes |     |
| EEL RIVER BAR      |                                                             |     |     |     |
| RESTIGOUCHE RIVER  | USE - DALHOUSIE # 26307                                     | Yes | Yes |     |
| KEDGWICK           | FOR SHELLFISH, EELS, SMELTS, ETC.                           |     |     |     |
| STATS DISTRICT 63  | DON'T USE - IN MIDDLE OF THE WOODS                          |     |     |     |
| BASS RIVER         | NULL                                                        |     |     |     |
| BATHURST           | Same as BATHURST HARBOUR                                    | Yes | Yes | Yes |
| BELLEUDUNE         |                                                             | Yes | Yes | Yes |
| BELLEUDUNE RIVER   |                                                             |     |     |     |
| BERSFORD           |                                                             |     |     |     |
| EAST BATHURST      | USE - PETIT ROCHER 26410* / Tracked under Petit-Rocher      | Yes | Yes | Yes |
| POINTE-VERTE       |                                                             |     |     |     |
| NIGADOO            | USE - PETIT ROCHER # 26410                                  | Yes | Yes | Yes |
| PETIT-ROCHER       |                                                             | Yes | Yes | Yes |
| TURGEON RIVER      |                                                             |     |     |     |
| CARRON POINT       | USE MILLER BROOK WHARF 26531                                |     | Yes | Yes |
| PETIT ROCHER NORD  | USE - PETIT ROCHER # 26410 / Tracked under Petit-Rocher     | Yes | Yes |     |
| ALLARDVILLE        |                                                             |     |     |     |
| STATS DISTRICT 64  | NULL                                                        |     |     |     |
| CARAQUET           |                                                             | Yes | Yes | Yes |
| ANSE-BLEUE         |                                                             | Yes | Yes | Yes |
| CARAQUET BAY       |                                                             | Yes | Yes | Yes |
| CLIFTON            | FOR SHELLFISH, EELS, SMELTS, ETC.                           |     | Yes | Yes |
|                    | USE STONEHAVEN 26519                                        |     | Yes | Yes |
| GRANDE-ANSE        |                                                             | Yes | Yes | Yes |
| JANEVILLE          | USE - STONEHAVEN # 26519 / Tracked under Stonehaven         | Yes | Yes |     |
| LEBOUTHILLIER      |                                                             |     |     |     |
| BAS CARAQUET       | Same as LOWER CARAQUET                                      | Yes | Yes | Yes |
| MAISONNETTE        |                                                             | Yes | Yes | Yes |
| MIDDLE CARAQUET    |                                                             | Yes |     | Yes |
| MORAIS             |                                                             | Yes |     | Yes |
| MORAIS OFFICE      |                                                             |     |     |     |
| NEW BANDON         |                                                             |     |     |     |
| POKESHAW           |                                                             |     |     |     |
| POKESUDIE          | USE - BAS CARAQUET # 26508                                  | Yes | Yes | Yes |
| POKESUDIE ISLAND   |                                                             | Yes |     |     |
| RIORDEN            |                                                             |     |     |     |
| SALMON BEACH       | USE MILLER BROOK WHARF - 26531 / Tracked under Miller Brook | Yes | Yes | Yes |
| STONEHAVEN         |                                                             | Yes | Yes | Yes |

|                                                                            |                                                                       |     |     |     |     |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------|-----|-----|-----|-----|
| UPPER CARAQUET                                                             | GLOUCESTER COUNTY                                                     |     |     |     |     |
| CAIN POINT                                                                 |                                                                       |     |     |     |     |
| POINT ROCHEUSE                                                             |                                                                       |     |     |     |     |
| DUGAS                                                                      |                                                                       |     |     |     |     |
| ST. LEOLIN                                                                 |                                                                       | Yes |     |     |     |
| STE. ANNE DU BOCAGE                                                        |                                                                       |     | Yes |     |     |
| CANOIE                                                                     |                                                                       |     |     | Yes |     |
| BERTRAND                                                                   |                                                                       |     |     |     |     |
| BOIS BLANC                                                                 |                                                                       |     |     |     |     |
| PAQUETVILLE                                                                |                                                                       |     |     |     |     |
| COTE POIRIER                                                               |                                                                       |     |     |     |     |
| MILLER BROOK WHARF (Salmor Beach)                                          |                                                                       | Yes | Yes | Yes | Yes |
| OVER THE SIDE SALES                                                        |                                                                       |     |     |     |     |
| STATS DISTRICT 65                                                          | SALES FROM VESSEL TO VESSEL AT SEA                                    |     |     |     |     |
| LAMEQUE                                                                    | NULL                                                                  |     |     |     |     |
| CAMPBELL RIVER                                                             |                                                                       | Yes | Yes | Yes | Yes |
| CAP BATEAU                                                                 |                                                                       | Yes |     |     | Yes |
| CHIASSON                                                                   |                                                                       | Yes | Yes |     | Yes |
| COTEAU ROAD                                                                |                                                                       |     | Yes |     |     |
| GRAND RUISSEAU                                                             |                                                                       |     |     |     | Yes |
| PETITE-RIVIERE-DE-L'ILE                                                    | Same as ISLAND RIVER                                                  | Yes | Yes | Yes | Yes |
| PETIT SHIPPAGAN (Little Shippagan)                                         |                                                                       | Yes | Yes | Yes | Yes |
| MISCOU                                                                     | USE - MISCOU HARBOUR # 26611                                          | Yes | Yes | Yes | Yes |
| MISCOU CENTRE                                                              |                                                                       | Yes | Yes | Yes | Yes |
| MISCOU HARBOUR                                                             | Tracked under Miscou                                                  | Yes | Yes | Yes | Yes |
| MISCOU ISLAND                                                              | USE - MISCOU HARBOUR # 26611                                          | Yes | Yes | Yes | Yes |
| MISCOU LIGHT                                                               |                                                                       | Yes | Yes | Yes | Yes |
| MISCOU POINT                                                               |                                                                       |     |     |     | Yes |
| LITTLE LAMEQUE                                                             |                                                                       | Yes | Yes | Yes | Yes |
| PIGEON HILL                                                                |                                                                       | Yes | Yes | Yes | Yes |
| POINT ALEXANDER                                                            | USE LAMEQUE - 26601                                                   | Yes | Yes | Yes | Yes |
| POINT CANOT                                                                |                                                                       | Yes | Yes | Yes | Yes |
| ST. CECILE                                                                 |                                                                       | Yes | Yes | Yes | Yes |
| STE-MARIE/ST-RAPHAEL Sainte-Marie-sur- STE MARIE/ST RAPHAEL SUR MER (SAME) |                                                                       | Yes | Yes | Yes | Yes |
| ST. RAPHAEL SUR MER                                                        | USE - STE. MARIE SUR MER # 26620 / Tracked under Sainte-Marie-sur-Mer | Yes | Yes | Yes | Yes |
| SAVOY LANDING                                                              |                                                                       | Yes | Yes | Yes | Yes |
| UPPER LAMEQUE                                                              |                                                                       |     |     |     |     |
| WILSON'S POINT                                                             |                                                                       |     |     |     | Yes |
| BEAUDIN ROAD                                                               |                                                                       |     |     |     | Yes |
| MISCOU PLAIN                                                               |                                                                       |     | Yes |     | Yes |
| SHIPPEGAN ISLAND                                                           |                                                                       |     |     |     |     |
| ST.ISIDORE                                                                 | *NEW CODE 26823                                                       |     |     |     | Yes |
| STATS DISTRICT 66                                                          | NULL                                                                  |     |     |     |     |
| SHIPPAGAN                                                                  |                                                                       | Yes | Yes | Yes | Yes |
| EVANGELINE                                                                 |                                                                       |     | Yes | Yes | Yes |
| INKERMAN                                                                   |                                                                       | Yes | Yes | Yes | Yes |
| INKERMAN FERRY                                                             |                                                                       | Yes | Yes | Yes | Yes |
| LANDRY                                                                     |                                                                       |     | Yes |     |     |
| LITTLE POKEMOUCHE                                                          |                                                                       |     | Yes | Yes |     |

|                           |                                    |     |     |     |
|---------------------------|------------------------------------|-----|-----|-----|
| POKEMOUCHE                | USE - INKERMANN # 26703            | Yes | Yes | Yes |
| POKEMOUCHE JUNCTION       |                                    |     |     |     |
| POKEMOUCHE RIVER          |                                    | Yes | Yes | Yes |
| SHIPPEGAN GULLY           | Tracked under Le Goulet            | Yes | Yes | Yes |
| ST. SIMON                 | RIVIERE ST. SIMON                  | Yes | Yes | Yes |
| UPPER ST. SIMON           |                                    |     |     |     |
| WAUGH                     |                                    |     |     |     |
| LE GOULET                 | Same as LE GULLY                   | Yes | Yes | Yes |
| UPPER SHIPPEGAN           |                                    | Yes |     |     |
| UPPER POKEMOUCHE          |                                    |     |     |     |
| BLANCHARD SETTLEMENT      | USE CARAQUET 26501                 |     |     |     |
| CENTRE ST. SIMON          |                                    |     |     |     |
| POINTE BRULE              |                                    | Yes | Yes | Yes |
| BAIE DE PETIT POKEMOUCHE  | Same as LITTLE POKEMOUCHE GULLY    |     |     |     |
| CHIASSON OFFICE           |                                    |     |     |     |
| OVER THE SIDE SALES       |                                    |     |     |     |
| STATS DISTRICT 67         | SALES FROM VESSEL TO VESSEL AT SEA |     |     |     |
| BIG TRACADIE RIVER        | NULL                               | Yes | Yes | Yes |
| CREEK RIVER               |                                    |     |     |     |
| FOUR ROADS                | USE - INKERMANN # 26703            | Yes | Yes | Yes |
| LEECH                     |                                    |     |     |     |
| LITTLE TRACADIE           |                                    |     |     |     |
| LOSIER SETTLEMENT         | USE TRACADIE 26811                 |     |     |     |
| PONT LAFRANCE             | USE - TRACADIE, N.B. # 26811       | Yes | Yes | Yes |
| SHEILA                    | USE - TRACADIE, N.B. # 26811       |     | Yes |     |
| SOCILE                    |                                    |     |     |     |
| SOUTH RIVER               |                                    |     |     |     |
| TRACADIE                  |                                    | Yes | Yes | Yes |
| TRACADIE BAY              |                                    | Yes | Yes | Yes |
| TRACADIE BEACH            | USE TRACADIE 26811                 |     |     |     |
| TRACADIE RIVER            | FOR SHELLFISH, EELS, SMELTS, ETC.  | Yes | Yes | Yes |
| TROUT STREAM              |                                    |     |     |     |
| UPPER RIVER               |                                    |     |     |     |
| VAL COMEAU                |                                    | Yes | Yes | Yes |
| UPPER SHEILA              |                                    |     | Yes | Yes |
| ALDERWOOD                 |                                    |     |     |     |
| SIX ROADS                 |                                    |     | Yes | Yes |
| SAUMAREZ                  |                                    |     |     |     |
| PONT LANDRY               |                                    |     | Yes |     |
| ST. ISIDORE               |                                    |     | Yes |     |
| OVER THE SIDE SALES       | SALES FROM VESSEL TO VESSEL AT SEA |     |     |     |
| STATS DISTRICT 68         | NULL                               |     |     |     |
| BARRYVILLE                |                                    | Yes |     |     |
| BRANTVILLE                |                                    | Yes | Yes | Yes |
| BURNT CHURCH              | USE MCEACHERN POINT - 27013        | Yes | Yes | Yes |
| GRAND DUNE                |                                    |     |     |     |
| BAS NEGUAC (Lower Neguac) | SAME AS LOWER NEGUAC               | Yes | Yes | Yes |
| MALPEQUE                  |                                    | Yes | Yes | Yes |
| MALPEQUE BAY              |                                    | Yes | Yes | Yes |

| NEGUAC                          |                                     | Yes | Yes | Yes | Yes | Yes |
|---------------------------------|-------------------------------------|-----|-----|-----|-----|-----|
| PONTGRAVE                       |                                     |     |     |     |     | Yes |
| PORTAGE RIVER                   |                                     |     |     |     |     | Yes |
| RIVIERE DES CACHES              |                                     | Yes | Yes | Yes | Yes |     |
| TABUSINTAC                      | USE - MCEACHERN POINT/WISHART POINT | Yes | Yes | Yes | Yes | Yes |
| MCEACHERN POINT (Wishart Point) | SAME AS WISHART POINT/TABUSINTAC    | Yes | Yes | Yes | Yes | Yes |
| MIRAMICHI BAY                   |                                     | Yes | Yes |     |     | Yes |
| LEGERE                          |                                     |     |     |     |     | Yes |
| NEW JERSEY                      |                                     |     |     |     |     | Yes |
| COVE DELL                       |                                     | Yes |     |     |     |     |
| LEGACEVILLE                     |                                     |     |     |     |     |     |
| CAIN POINT                      | NORTHUMBERLAND COUNTY               |     | Yes |     |     | Yes |
| RIVIERE TABUSINTAC              | FOR SHELLFISH, EELS, SMELTS, ETC.   | Yes |     |     |     |     |
| OVER THE SIDE SALES             | SALES FROM VESSEL TO VESSEL AT SEA  | Yes |     |     |     | Yes |
| STATS DISTRICT 70               | NULL                                |     |     |     |     |     |
| BARTIBOG BRIDGE                 |                                     |     |     |     |     |     |
| CHATHAM                         |                                     | Yes | Yes |     |     | Yes |
| CHATHAM HEAD                    |                                     |     | Yes |     |     | Yes |
| DOUGLASTOWN                     |                                     |     | Yes |     |     | Yes |
| LOGGIEVILLE                     |                                     |     | Yes |     |     | Yes |
| LOWER NAPAN                     | USE - NEWCASTLE # 27111             | Yes | Yes |     |     | Yes |
| LOWER NEWCASTLE                 |                                     |     |     |     |     |     |
| NAPAN                           | ONLY FOR OYSTERS, CLAMS, ETC.       | Yes | Yes |     |     | Yes |
| NAPAN BAY                       | USE - CHATHAM,N.B. # 27102          | Yes | Yes |     |     | Yes |
| NAPAN RIVER                     |                                     | Yes | Yes |     |     | Yes |
| NEWCASTLE                       |                                     | Yes | Yes |     |     | Yes |
| OAK POINT                       |                                     | Yes | Yes |     |     | Yes |
| POINT AU CARR                   | USE - BURNT CHURCH # 27003          | Yes | Yes |     |     | Yes |
| NORDIN                          |                                     |     |     |     |     |     |
| BUSHVILLE                       |                                     |     |     |     |     |     |
| MIRAMICHI RIVER                 | FOR SHELLFISH, EELS, SMELTS, ETC.   | Yes | Yes |     |     | Yes |
| SOUTH NELSON                    |                                     |     |     |     |     |     |
| FERRY ROAD                      |                                     |     |     |     |     |     |
| EAST POINT                      |                                     |     |     |     |     |     |
| CENTRE NAPAN                    |                                     |     |     |     |     |     |
| OYSTER RIVER                    |                                     |     |     |     |     |     |
| MILL BANK                       | USE - CHATHAM,N.B. # 27102          |     | Yes |     |     | Yes |
| OVER THE SIDE SALES             | SALES FROM VESSEL TO VESSEL AT SEA  |     |     |     |     |     |
| STATS DISTRICT 71               | NULL                                |     |     |     |     |     |
| CASSILIS                        | Same as INLAND                      |     |     |     |     |     |
| DERBY                           |                                     |     |     |     |     |     |
| LOWER DERBY                     |                                     |     |     |     |     |     |
| MILLERTON                       |                                     |     |     |     |     |     |
| NELSON                          |                                     |     |     |     |     | Yes |
| NORTH ESK BOOM                  |                                     |     |     |     |     | Yes |
| NORTHWEST BRIDGE                |                                     |     |     |     |     |     |
| QUARRYVILLE                     |                                     |     |     |     |     | Yes |
| RED BANK                        |                                     |     |     |     |     | Yes |
| SOUTH ESK                       |                                     |     |     |     |     |     |



|                                                                 |                                                            |     |     |     |
|-----------------------------------------------------------------|------------------------------------------------------------|-----|-----|-----|
| GUIMOND VILLAGE                                                 |                                                            |     |     | Yes |
| LOWER POINT SAPIN                                               |                                                            |     |     |     |
| CLAIRE FONTAINE                                                 |                                                            |     | Yes |     |
| ST. IGNACE                                                      |                                                            |     |     |     |
| LOWER ST. LOUIS                                                 | Tracked under Cap-de-St-Louis                              |     |     |     |
| STATS DISTRICT 75                                               | NULL                                                       |     |     |     |
| ALDOUANE                                                        |                                                            |     |     |     |
| BABINEAU                                                        |                                                            | Yes | Yes | Yes |
| CAP LUMIERE (Richibucto Cape)                                   |                                                            | Yes | Yes | Yes |
| LITTLE ALDOUANE                                                 |                                                            |     |     |     |
| MAIN RIVER                                                      |                                                            |     |     |     |
| REXTON                                                          | USE RIVIERE RICHIBUCTOU 27630                              | Yes | Yes | Yes |
| REXTON CAPE                                                     |                                                            |     |     |     |
| RICHIBUCTO                                                      |                                                            | Yes | Yes | Yes |
| RICHIBUCTO CAPE                                                 | SAME AS CAP DE RICHIBUCTOU / Tracked under Cap Lumiere     | Yes | Yes | Yes |
| STE. ANNE DE KENT                                               | USE - COTE STE ANNE/CHOCKPISH                              | Yes | Yes | Yes |
| ST. NICHOLAS DE KENT                                            |                                                            | Yes | Yes | Yes |
| BELLS MILLS                                                     |                                                            |     |     |     |
| PETER'S MILLS                                                   |                                                            |     |     |     |
| MUNDLEVILLE                                                     |                                                            |     |     |     |
| BIG COVE                                                        |                                                            | Yes | Yes | Yes |
| NICHOLAS RIVER                                                  |                                                            |     |     |     |
| CAISSIE VILLAGE                                                 |                                                            |     |     |     |
| STE. ANNE SHORE                                                 | USE - COTE STE. ANNE/CHOCKPISH                             | Yes | Yes | Yes |
| BASS RIVER                                                      |                                                            | Yes | Yes | Yes |
| RICHIBUCTO VILLAGE                                              |                                                            | Yes | Yes | Yes |
| ST. CHARLES                                                     |                                                            | Yes | Yes | Yes |
| BEERSVILLE                                                      |                                                            |     |     |     |
| INDIAN ISLAND                                                   |                                                            |     |     |     |
| TARGETVILLE                                                     |                                                            | Yes |     | Yes |
| BULGARIA                                                        |                                                            |     |     |     |
| BROWNS YARD                                                     |                                                            |     |     |     |
| GRANDE ALDOUANE                                                 |                                                            | Yes |     |     |
| RIVIERE RICHIBUCTOU                                             | FOR SHELLFISH, EELS, SMELTS, ETC.                          | Yes |     | Yes |
| BEDEC                                                           |                                                            | Yes | Yes |     |
| EAST GALLOWAY                                                   |                                                            |     |     |     |
| STATS DISTRICT 76                                               | NULL                                                       | Yes | Yes | Yes |
| BOUCTOUCHE                                                      |                                                            | Yes | Yes |     |
| BOUCTOUCHE BAY                                                  |                                                            | Yes | Yes |     |
| CAP-DES-CAISSIE (CAISSIE'S CAPE)                                | Same as BOURGEOIS OFFICE                                   | Yes | Yes | Yes |
| COCAGNE                                                         |                                                            | Yes | Yes | Yes |
| COCAGNE CAPE                                                    |                                                            | Yes | Yes | Yes |
| CORMIERVILLE-Barre-de-Cocagne (Cormie USE - COCAGNE BAR # 27713 |                                                            | Yes | Yes | Yes |
| GRAND DIGUE                                                     | USE - CAISSIE CAPE # 27703 / Tracked under Cap-des-Caissie | Yes | Yes | Yes |
| ST. EDOUARD (de Kens                                            |                                                            | Yes | Yes | Yes |
| ST. FRANCOIS                                                    |                                                            | Yes | Yes | Yes |
| STE. MARIE                                                      |                                                            | Yes | Yes | Yes |
| ST. THOMAS                                                      |                                                            | Yes | Yes | Yes |
| COCAGNE BAR                                                     | Tracked under Barre-de-Cocagne (Cormierville)              | Yes | Yes | Yes |

|                                          |                                                                                             |     |     |
|------------------------------------------|---------------------------------------------------------------------------------------------|-----|-----|
| BOUCTOUCHE RIVER                         | FOR SHELLFISH, EELS, SMELTS, ETC.                                                           | Yes | Yes |
| COCAGNE RIVER                            |                                                                                             | Yes | Yes |
| BREAU VILLAGE                            |                                                                                             |     |     |
| COTE STE ANNE/CHOCKPISH (Cote Ste. Anne) |                                                                                             |     |     |
| DIXON POINT                              |                                                                                             | Yes | Yes |
| ST. GREGOIRE                             |                                                                                             |     |     |
| COMEAU POINT                             |                                                                                             |     | Yes |
| ST. MAURICE                              |                                                                                             |     |     |
| NOTRE DAME                               |                                                                                             | Yes |     |
| ST. ANTOINE                              |                                                                                             | Yes | Yes |
| COCAGNE BRIDGE                           |                                                                                             |     |     |
| STATS DISTRICT 77                        | NULL                                                                                        |     |     |
| BARACHOIS                                |                                                                                             | Yes |     |
| CAPE BIMET                               |                                                                                             |     | Yes |
| CAP PELE                                 |                                                                                             |     |     |
|                                          | USE - BAS CAP PELE # 27807                                                                  | Yes | Yes |
| DUPUIS CORNER                            | USE ABOITEAU / Tracked under Les Aboiteaux (Dupuis Corner)                                  | Yes | Yes |
| BAS CAP PELE                             | Same as LOWER CAPE BALD                                                                     | Yes | Yes |
| POINTE DU CHENE                          |                                                                                             | Yes | Yes |
| ROBICHAUD                                |                                                                                             |     |     |
|                                          | USE POINTE DU CHENE* #27808                                                                 | Yes | Yes |
| SHEDIAC                                  |                                                                                             | Yes | Yes |
| SHEDIAC BRIDGE                           |                                                                                             | Yes | Yes |
| ABOUJAGANE                               |                                                                                             | Yes | Yes |
| BOURGEOIS MILLS                          |                                                                                             | Yes | Yes |
| CORMIER VILLAGE                          |                                                                                             | Yes | Yes |
| MONCTON                                  |                                                                                             | Yes | Yes |
| ST. ANDRE                                |                                                                                             | Yes | Yes |
| PETITCODIAC                              |                                                                                             | Yes |     |
| DIEPPE                                   |                                                                                             |     |     |
| LES ABOITEAUX (DUPUIS CORNER)            |                                                                                             |     |     |
|                                          |                                                                                             | Yes | Yes |
| KOUCHIBOUGUAC RIVER                      | FOR SHELLFISH, EELS, SMELTS, ETC.                                                           | Yes | Yes |
| STATS DISTRICT 78                        | NULL                                                                                        | Yes |     |
| BAIE VERTE                               |                                                                                             | Yes | Yes |
| BAYFIELD                                 |                                                                                             | Yes | Yes |
| CAPE TORMENTINE                          |                                                                                             |     |     |
|                                          | USE - BOTSFORD # 28015 / Tracked under Botsford (Murray Corner)                             | Yes | Yes |
| FOX CREEK                                |                                                                                             | Yes | Yes |
| FOX RIVER                                | USE - PUGWASH # 14505                                                                       |     | Yes |
| LEGER BROOK                              |                                                                                             |     |     |
| PETIT CAP                                |                                                                                             |     |     |
|                                          | Same as LITTLE CAPE                                                                         | Yes | Yes |
| LITTLE SHEMOGUE                          | Same as EMILY'S POINT, AMOS POINT                                                           | Yes | Yes |
| MELROSE                                  |                                                                                             |     |     |
| MURRAY CORNER                            | USE - BOTSFORD # 28015 / Tracked under Botsford (Murray Corner)                             | Yes | Yes |
| PEACOCK COVE                             |                                                                                             | Yes |     |
| PORT ELGIN                               |                                                                                             | Yes | Yes |
| SHEMOGUE                                 | USE - LITTLE SHEMOGUE # 28008 / Same site as Emily's Point, Little Shemogue, and Amos Point | Yes | Yes |
| UPPER CAPE                               |                                                                                             | Yes | Yes |
| BOTSFORD (Murray Corner)                 |                                                                                             |     |     |
|                                          |                                                                                             | Yes | Yes |
| DUGUAYS POINT                            |                                                                                             |     | Yes |
| BAYSIDE                                  |                                                                                             |     |     |
| AMOS POINT                               | USE - LITTLE SHEMOGUE #28008 / Same site as Little Shemogue, Shemogue                       | Yes | Yes |

|                    |                             |     |     |
|--------------------|-----------------------------|-----|-----|
| STATS DISTRICT 80  | NULL                        |     |     |
| BAPTIST POINT      |                             | Yes | Yes |
| BRAE HARBOUR       |                             | Yes | Yes |
| BRAE SHORE         | USE - BRAE HARBOUR # 38202  |     | Yes |
| CAMPBELLTON        | USE - HOWARD'S COVE # 38207 |     | Yes |
| CAPE WOLFE         | USE HOWARDS COVE            |     | Yes |
| EBBSFLEET          |                             | Yes | Yes |
| HOWARD'S COVE      | 91 SHELLFISH                | Yes | Yes |
| MIMINEGASH         |                             | Yes | Yes |
| MIMINEGASH HARBOUR |                             | Yes | Yes |
| MIMINEGASH RUN     | Tracked under Mirminegash   | Yes | Yes |
| O'LEARY            |                             | Yes | Yes |
| PHEE SHORE         |                             | Yes | Yes |
| PLEASANT VIEW      |                             | Yes | Yes |
| ROSEVILLE          |                             | Yes | Yes |
| SKINNER'S POND     |                             | Yes | Yes |
| ST. LOUIS          |                             | Yes | Yes |
| WATERFORD          |                             | Yes | Yes |
| WEST POINT         |                             | Yes | Yes |
| WEST CAPE          |                             | Yes | Yes |
| LOT 7              |                             | Yes | Yes |
| NAIL POND          |                             | Yes | Yes |
| HOWLAN             |                             | Yes | Yes |
| BLOOMFIELD         | USE - HOWARD'S COVE # 38207 |     | Yes |
| BIRCH HILL         | USE HOWARD'S COVE 38207     | Yes | Yes |
| BROCKTON           |                             | Yes | Yes |
| BURTON             |                             | Yes | Yes |
| CARTIER            |                             | Yes | Yes |
| COLEMAN            |                             | Yes | Yes |
| DE BLOIS           |                             | Yes | Yes |
| DUNBLANE           |                             | Yes | Yes |
| DUVAR              |                             | Yes | Yes |
| FOREST VIEW        |                             | Yes | Yes |
| GLENGARRY          |                             | Yes | Yes |
| GLENWOOD           |                             | Yes | Yes |
| HARPER ROAD        |                             | Yes | Yes |
| HEBRON             |                             | Yes | Yes |
| LEOVILLE           |                             | Yes | Yes |
| MILBURN            |                             | Yes | Yes |
| MILO               |                             | Yes | Yes |
| NORWAY             |                             | Yes | Yes |
| PALMER ROAD        |                             | Yes | Yes |
| PETERVILLE         |                             | Yes | Yes |
| PIUSVILLE          |                             | Yes | Yes |
| ST. EDWARDS        | USE - MIMINEGASH # 38208    | Yes | Yes |
| SPRINGFIELD WEST   |                             | Yes | Yes |
| WHITES COVE        |                             | Yes | Yes |
| WOODSTOCK          |                             | Yes | Yes |
| BRAE               | USE - BRAE HARBOUR # 38202  | Yes | Yes |



| OVER THE SIDE SALES | SALES FROM VESSEL TO VESSEL AT SEA          |     |     |     |     |
|---------------------|---------------------------------------------|-----|-----|-----|-----|
| STATS DISTRICT 82   | NULL                                        |     |     |     |     |
| ABRAMS VILLAGE      | USE - EGMONT BAY # 38305                    | Yes | Yes | Yes | Yes |
| BORDEN              |                                             | Yes | Yes | Yes | Yes |
| CAPE EGMONT         | Tracked under Fishing Cove                  |     |     |     |     |
| CAPE TRAVERSE       |                                             | Yes | Yes | Yes | Yes |
| EGMONT BAY          | Tracked under Abrams Village                |     |     |     |     |
| HIGGINS WHARF       | Same as ENMORE/ Tracked under Higgins Shore | Yes | Yes | Yes | Yes |
| HIGGINS SHORE       | USE - HIGGINS WHARF # 38306                 | Yes | Yes | Yes | Yes |
| MONT CARMEL         |                                             | Yes | Yes | Yes | Yes |
| PERCIVAL RIVER      | FOR SHELLFISH ONLY                          | Yes | Yes | Yes | Yes |
| SUMMERSIDE          |                                             | Yes | Yes | Yes | Yes |
| FISHING COVE        | USE CAPE EGMONT                             | Yes | Yes | Yes | Yes |
| ST. NICHOLAS        |                                             | Yes | Yes | Yes | Yes |
| VICTORIA WEST       |                                             |     |     |     |     |
| ST. CHRYSOSTOME     |                                             | Yes | Yes | Yes | Yes |
| BEDEQUE BAY         |                                             | Yes |     |     |     |
| TRAVELLER'S REST    | FOR SHELLFISH ONLY                          | Yes | Yes | Yes | Yes |
| CHELTON             |                                             |     |     |     |     |
| INVERNESS           |                                             | Yes | Yes | Yes | Yes |
| MAXIMVILLE          |                                             |     | Yes | Yes | Yes |
| NORTH ENMORE        |                                             |     | Yes | Yes | Yes |
| ST. RAPHAEL         |                                             | Yes | Yes | Yes | Yes |
| WELLINGTON          |                                             | Yes | Yes | Yes | Yes |
| WILMOT              |                                             | Yes | Yes | Yes | Yes |
| MOUNT PLEASANT      |                                             | Yes | Yes | Yes | Yes |
| RICHMOND            |                                             |     | Yes | Yes | Yes |
| ALBANY              |                                             |     | Yes | Yes | Yes |
| CENTRAL BEDEQUE     |                                             |     | Yes | Yes | Yes |
| FREETOWN            |                                             | Yes | Yes | Yes | Yes |
| NORTH BEDEQUE       |                                             | Yes | Yes | Yes | Yes |
| WILMOT RIVER        | USE - SUMMERSIDE # 38310                    | Yes | Yes | Yes | Yes |
| LOWER FREETOWN      |                                             |     |     |     |     |
| TRYON               |                                             | Yes | Yes | Yes | Yes |
| WILMOT VALLEY       |                                             |     |     |     |     |
| ENMORE RIVER        | FOR SHELLFISH ONLY                          | Yes | Yes | Yes | Yes |
| DUNK RIVER          | FOR SHELLFISH ONLY                          | Yes | Yes | Yes | Yes |
| STATS DISTRICT 83   | NULL                                        |     |     |     |     |
| ARYGLE SHORE        |                                             |     | Yes | Yes | Yes |
| CANOE COVE          |                                             | Yes | Yes | Yes | Yes |
| HAMPTON             |                                             | Yes | Yes | Yes | Yes |
| LONG CREEK          |                                             |     |     |     |     |
| NINE MILE CREEK     |                                             | Yes | Yes | Yes | Yes |
| RICE POINT          |                                             | Yes | Yes | Yes | Yes |
| VICTORIA            |                                             | Yes | Yes | Yes | Yes |
| WEST RIVER          | 7H SHELLFISH IF GRDFISH USE 38603           | Yes | Yes | Yes | Yes |
| HILLSBOROUGH BAY    | 7E SHELLFISH - SAME AS TEA HILL             | Yes | Yes | Yes | Yes |
| NORTH RIVER         | FOR SHELLFISH ONLY                          | Yes | Yes | Yes | Yes |
| ROCKY POINT         |                                             | Yes | Yes | Yes | Yes |

|                                                     |     |     |     |
|-----------------------------------------------------|-----|-----|-----|
| FAIRVIEW                                            | Yes | Yes |     |
| CUMBERLAND                                          |     |     |     |
| CORNWALL                                            | Yes | Yes | Yes |
| ST. CATHERINES                                      |     |     |     |
| CRAPAUD                                             |     | Yes | Yes |
| BLACK POINT                                         | Yes |     |     |
| NEW DOMINION                                        | Yes | Yes |     |
| MEADOWBROOK                                         |     |     |     |
| STATS DISTRICT 85                                   |     |     |     |
| ALEXANDRA                                           |     |     | Yes |
| BELLE RIVER                                         | Yes | Yes | Yes |
| CHARLOTTETOWN                                       | Yes | Yes | Yes |
| CHERRY VALLEY                                       | Yes | Yes | Yes |
| EAST RIVER                                          | Yes | Yes | Yes |
| FLAT RIVER                                          | Yes | Yes | Yes |
| ORWELL BAY                                          | Yes | Yes | Yes |
| PINETTE                                             | Yes | Yes | Yes |
| POINT PRIM                                          | Yes | Yes | Yes |
| POWNAW BAY                                          | Yes | Yes | Yes |
| SOUTHPORT                                           |     |     |     |
| VERNON                                              | Yes | Yes | Yes |
| VERNON RIVER                                        | Yes | Yes | Yes |
| WOOD ISLAND                                         | Yes | Yes | Yes |
| MACAULAYS WHARF                                     | Yes | Yes | Yes |
| GLENFINNAN                                          | Yes | Yes | Yes |
| BELFAST                                             | Yes | Yes | Yes |
| ELDON                                               |     |     |     |
| IONA                                                |     |     |     |
| VERNON BRIDGE                                       | Yes | Yes | Yes |
| ROWNAL                                              |     |     |     |
| MOUNT BUCHANAN                                      |     |     |     |
| SOUTH PINETTE                                       |     | Yes | Yes |
| BUNBURY                                             | Yes | Yes | Yes |
| JOHNSONS RIVER                                      | Yes | Yes | Yes |
| FORT AUGUSTUS                                       |     |     |     |
| MERMAID                                             |     | Yes |     |
| STATS DISTRICT 86                                   |     |     |     |
| BEACH POINT                                         | Yes | Yes | Yes |
| BRUDENELL RIVER                                     | Yes | Yes | Yes |
| CARDIGAN BAY                                        | Yes | Yes | Yes |
| DE GRAS MARCH                                       | Yes | Yes | Yes |
| GASPERAUX                                           | Yes | Yes | Yes |
| GEORGETOWN                                          | Yes | Yes | Yes |
| LAUNCHING                                           | Yes | Yes | Yes |
| LITTLE SANDS                                        | Yes | Yes | Yes |
| LOWER MONTAGUE                                      | Yes | Yes | Yes |
| MONTAGUE                                            | Yes | Yes | Yes |
| MURRAY HARBOUR                                      | Yes | Yes | Yes |
| MURRAY HARBOUR NORTH                                | Yes | Yes | Yes |
| USE - MINK RIVER # 38738 / Tracked under Mink River |     |     |     |

|                                                |     |     |     |     |     |
|------------------------------------------------|-----|-----|-----|-----|-----|
| MURRAY RIVER                                   | Yes | Yes | Yes | Yes | Yes |
| NEWPORT                                        | Yes | Yes | Yes | Yes | Yes |
| PANMURE ISLAND                                 | Yes | Yes | Yes | Yes | Yes |
| STURGEON                                       | Yes | Yes | Yes | Yes | Yes |
| MILL TOWN CROSS                                |     |     |     |     |     |
| WHITE SANDS                                    | Yes |     |     |     | Yes |
| LLOYD'S CREEK                                  |     |     |     |     | Yes |
| GRAHAM'S POND                                  | Yes | Yes | Yes | Yes | Yes |
| ALBION                                         |     |     |     |     | Yes |
| ALLISTON                                       |     |     |     |     |     |
| BRIDGETOWN                                     | Yes | Yes |     |     |     |
| HIGH BANK                                      |     |     |     |     | Yes |
| PETERS ROAD                                    | Yes |     |     |     | Yes |
| ST. MARY'S ROAD                                |     | Yes |     |     | Yes |
| ABNEY                                          | Yes | Yes | Yes | Yes |     |
| GREEK RIVER                                    |     |     |     | Yes | Yes |
| CAMBRIDGE                                      |     |     |     |     | Yes |
| OAK VALLEY                                     |     |     |     |     | Yes |
| KILMUIR                                        |     |     |     |     | Yes |
| WHIM ROAD                                      |     |     |     |     |     |
| CAPE BEAR                                      |     | Yes |     |     |     |
| POINT PLEASANT                                 | Yes |     |     |     | Yes |
| MACHON POINT                                   | Yes | Yes | Yes | Yes | Yes |
| GUERNSEY COVE                                  |     |     |     |     |     |
| ST. GEORGES                                    |     |     |     |     |     |
| MINK RIVER                                     | Yes | Yes | Yes | Yes | Yes |
| BOTTLE POINT -                                 |     |     |     |     |     |
| FOR MUSSELS AND QUAAHAUGS ONLY                 |     |     |     |     |     |
| ST. MARY'S BAY                                 | Yes | Yes | Yes | Yes | Yes |
| STURGEON BRIDGE                                | Yes | Yes | Yes | Yes | Yes |
| STAT'S DISTRICT 87                             |     |     |     |     |     |
| NULL                                           |     |     |     |     |     |
| SOURIS                                         | Yes | Yes | Yes | Yes | Yes |
| ANNANDALE                                      | Yes | Yes | Yes | Yes | Yes |
| BASIN HEAD                                     | Yes | Yes | Yes | Yes | Yes |
| BAYFIELD                                       | Yes | Yes | Yes | Yes | Yes |
| BIG POND                                       |     |     |     |     |     |
| BOUGHTON BAY                                   | Yes |     |     |     | Yes |
| CABLE HEAD                                     |     |     |     |     | Yes |
| CLEARSPRING                                    |     |     |     |     | Yes |
| EAST LAKE                                      |     |     |     |     | Yes |
| EAST POINT                                     |     |     |     |     | Yes |
| BAY FORTUNE                                    | Yes | Yes | Yes | Yes | Yes |
| GOOSE RIVER                                    |     |     |     |     | Yes |
| HERMANVILLE                                    |     |     |     |     | Yes |
| HOWE BAY                                       | Yes |     |     |     | Yes |
| LITTLE POND                                    |     |     |     |     | Yes |
| MORELL                                         | Yes | Yes | Yes | Yes | Yes |
| NAUFRAGE                                       | Yes | Yes | Yes | Yes | Yes |
| NORTH LAKE                                     | Yes | Yes | Yes | Yes | Yes |
| RED HEAD                                       | Yes | Yes | Yes | Yes | Yes |
| USE - ANNANDALE # 38801                        |     |     |     |     |     |
| USE ANNANDALE 38802                            |     |     |     |     |     |
| USE - REDHEAD # 38821 / Tracked under Red Head |     |     |     |     |     |

|                           |                                     |     |     |     |
|---------------------------|-------------------------------------|-----|-----|-----|
| ROCKBARRA                 | USE - SOURIS # 38801                | Yes |     | Yes |
| ROLLO BAY                 |                                     | Yes |     | Yes |
| Savage Harbour            |                                     | Yes |     | Yes |
| ST. MARGARETS             |                                     | Yes |     | Yes |
| ST. PETERS                | FOR SHELLFISH AND MUSSELS ONLY      | Yes |     | Yes |
| ELMIRA                    |                                     |     |     |     |
| EAST BALTIC               |                                     |     |     |     |
| DINGWELL'S MILLS          |                                     | Yes |     | Yes |
| NORTH RIVER               |                                     | Yes |     | Yes |
| LITTLE HARBOUR            |                                     | Yes |     | Yes |
| PRIEST POND               |                                     |     |     |     |
| SOUTH LAKE                | USE - NORTH LAKE # 38820            | Yes |     | Yes |
| ALBION CROSS              |                                     | Yes |     | Yes |
| ARMADALE                  |                                     | Yes |     | Yes |
| ASHTON                    |                                     |     |     |     |
| CHURCH ROAD               |                                     |     |     |     |
| BEAR RIVER                |                                     |     |     |     |
| BLACK POND                |                                     |     |     |     |
| BOTHWELL                  |                                     |     |     |     |
| BRISTOL                   | USE SOUTH LAKE 38833                |     | Yes |     |
| CABLE HEAD EAST           |                                     |     |     |     |
| CABLE HEAD WEST           |                                     |     |     |     |
| CAMPBELLS COVE            |                                     |     |     |     |
| CANAVOY                   |                                     |     |     |     |
| CHEPSTON                  |                                     |     |     |     |
| CHERRY HILL               |                                     |     |     |     |
| DUNDAS                    |                                     |     |     |     |
| DUNDEE                    |                                     |     |     | Yes |
| RED POINT                 |                                     |     |     |     |
| FORTUNE RIVER             |                                     | Yes |     |     |
| GREENWICH                 |                                     |     |     |     |
| GOWAN BRAE                |                                     |     |     |     |
| KINGSBORO                 |                                     |     |     |     |
| LAKEVILLE                 |                                     | Yes |     |     |
| LOWER ROLLO BAY           |                                     |     |     |     |
| MIDGELL                   |                                     |     |     |     |
| MONTICELLO                |                                     |     |     |     |
| MOUNT HOPE                |                                     |     |     |     |
| ST. CHARLES               |                                     |     |     |     |
| ST. PETERS BAY            | 4A SHELLFISH - GF USE 38821 REDHEAD | Yes |     | Yes |
| ST. PETERS HARBOUR        |                                     |     |     |     |
| ST. PETERS LAKE           | O.K. FOR SHELLFISH                  |     |     |     |
| SOURIS EAST               |                                     |     |     |     |
| SOURIS RIVER              | USE SOURIS 38801                    | Yes |     | Yes |
| SOURIS WEST               |                                     |     |     |     |
| WEST ST. PETERS           |                                     |     |     |     |
| MORELL REAR GREEN MEADOWS |                                     |     |     |     |
| SOURIS LINE ROAD          |                                     |     |     |     |
| DILIGENT POND             | FOR SHELLFISH ONLY                  | Yes |     | Yes |

|                       |                                                              |     |     |     |     |
|-----------------------|--------------------------------------------------------------|-----|-----|-----|-----|
| BOUGHTON RIVER        | FOR SHELLFISH ONLY                                           | Yes |     |     |     |
| EGLINGTON BAY         | FOR SHELLFISH ONLY                                           | Yes |     |     |     |
| STATS DISTRICT 88     | NULL                                                         |     |     |     |     |
| ALBERTON (NORTHPORT)  | USE - NORTHPORT # 39230 /                                    | Yes | Yes | Yes | Yes |
| BLACK BANK            |                                                              | Yes |     |     | Yes |
| CASCUMPEC             | FOR SHELLFISH ONLY, IF GF USE 39230                          | Yes |     |     | Yes |
| CASCUMPEC BAY         |                                                              | Yes | Yes | Yes | Yes |
| CASCUMPEC HARBOUR     |                                                              | Yes | Yes | Yes | Yes |
| CASCUMPEC POINT       |                                                              | Yes |     |     | Yes |
| ELMSDALE              |                                                              | Yes | Yes | Yes | Yes |
| FOXLEY RIVER          |                                                              | Yes | Yes | Yes | Yes |
| MILL RIVER            | O.K. FOR SHELLFISH                                           | Yes | Yes | Yes | Yes |
| NORTH POINT           | USE - SKINNER'S POND # 38215                                 | Yes | Yes | Yes | Yes |
| PORTAGE               | USE - HIGGINS WHARF # 38306                                  | Yes | Yes | Yes | Yes |
| SEACOW POND           |                                                              | Yes | Yes | Yes | Yes |
| TIGNISH               | USE - TIGNISH RUN #39214                                     | Yes | Yes | Yes | Yes |
| TIGNISH RUN           | Tracked under Tignish                                        | Yes | Yes | Yes | Yes |
| WEST DEVON            | USE - HIGGINS WHARF # 38306                                  | Yes | Yes | Yes | Yes |
| KILDARE               |                                                              | Yes | Yes | Yes | Yes |
| TIGNISH RIVER         | Tracked under Tignish                                        | Yes | Yes | Yes | Yes |
| JUDE'S POINT          |                                                              | Yes | Yes | Yes | Yes |
| ALMA                  |                                                              | Yes | Yes |     | Yes |
| ANGLO                 |                                                              | Yes |     |     |     |
| ASCENSION             |                                                              | Yes |     |     |     |
| FORTUNE COVE          |                                                              |     | Yes |     |     |
| GREENMOUNT            |                                                              |     | Yes |     |     |
| ROXBURY               |                                                              |     | Yes |     |     |
| ST. FELIX             |                                                              | Yes | Yes |     |     |
| TIGNISH SHORE         | Tracked under Tignish                                        |     | Yes |     |     |
| GOFFS BRIDGE          |                                                              |     |     |     |     |
| TIGNISH HARBOUR NORTH | Tracked under Tignish                                        | Yes | Yes | Yes | Yes |
| NORTHPORT             | Tracked under Alberton                                       | Yes | Yes | Yes |     |
| STATS DISTRICT 92     | NULL                                                         |     |     |     |     |
| BELMONT               |                                                              |     | Yes |     |     |
| BIDEFORD              | USE EAST BIDEFORD 39325                                      | Yes | Yes | Yes | Yes |
| BOYLES POINT          |                                                              | Yes |     |     | Yes |
| BROOKS SHORE          |                                                              | Yes |     |     | Yes |
| CONWAY                |                                                              | Yes | Yes | Yes | Yes |
| DARNEY                |                                                              | Yes | Yes | Yes | Yes |
| ELLERSLIE             | FOR SHELLFISH ONLY                                           | Yes | Yes | Yes | Yes |
| FREELAND              |                                                              | Yes | Yes | Yes | Yes |
| GRAND RIVER           |                                                              | Yes | Yes | Yes | Yes |
| KENSINGTON            |                                                              | Yes | Yes | Yes | Yes |
| LOT 16                | OTHER THAN SHELLFISH - USE 39312 *                           |     | Yes | Yes | Yes |
| MAIPEQUE              |                                                              | Yes | Yes | Yes | Yes |
| MAIPEQUE BAY          | USE MAIPEQUE 39312 SAME AS HOG ISL. / Tracked under Maipeque | Yes | Yes | Yes | Yes |
| MILL'S POINT          |                                                              |     |     |     |     |
| MISCOUCHE             |                                                              | Yes | Yes | Yes | Yes |
| PORT HILL             |                                                              | Yes | Yes | Yes | Yes |



|                   |                                                                                                |     |     |     |
|-------------------|------------------------------------------------------------------------------------------------|-----|-----|-----|
| BEDFORD           |                                                                                                |     | Yes | Yes |
| COVEHEAD          |                                                                                                | Yes | Yes | Yes |
| FORT AUGUSTUS     |                                                                                                |     | Yes | Yes |
| MILL COVE         |                                                                                                |     |     |     |
| STANHOPE          |                                                                                                |     |     |     |
| TRACADIE          | Same as WINTER BAY                                                                             | Yes | Yes | Yes |
| MOUNT STEWART     |                                                                                                | Yes | Yes | Yes |
| GRAND TRACADIE    |                                                                                                | Yes | Yes | Yes |
| DALVEY BEACH      |                                                                                                | Yes | Yes | Yes |
| CURRAN BAND       |                                                                                                | Yes | Yes | Yes |
| HARRINGTON        |                                                                                                |     |     |     |
| LITTLE YORK       |                                                                                                | Yes | Yes | Yes |
| PLEASANT GROVE    |                                                                                                | Yes | Yes | Yes |
| ST. ANDREWS       |                                                                                                |     |     |     |
| YORK              |                                                                                                | Yes | Yes | Yes |
| SHERWOOD          |                                                                                                |     |     |     |
| WEST COVE HEAD    |                                                                                                |     | Yes |     |
| TEN MILE HOUSE    |                                                                                                |     | Yes |     |
| WINSLOE           |                                                                                                | Yes | Yes |     |
| PARKDALE          |                                                                                                |     |     |     |
| MARSHFIELD        |                                                                                                |     | Yes |     |
| STATS DISTRICT 96 |                                                                                                |     | Yes |     |
| OUTSIDE GULF      | NULL                                                                                           |     | Yes |     |
|                   | DUMMY HOMEPORT CREATED TO ALLOW LSC TO CREATE RECREATIONAL LICENCES FOR NON COMMERCIAL FISHERS |     |     |     |

## Massiera, Josiane

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**From:** Comeau, Sandra J  
**Sent:** February-18-19 11:50 AM  
**To:** Massiera, Josiane; Dwyer, Alan; Moore, Benjamin; Dupuis, Monique  
**Subject:** RE: Email to DMCs

Hi Josiane,

Please see my comments in red. Do you know where we are on the approval of this potential project?

Thank you.

**Sandra Comeau**

*Resource Management / Gestion de la ressource  
Telephone / Téléphone 506-395-7765*

---

**From:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>  
**Sent:** February-14-19 5:23 PM  
**To:** Comeau, Sandra J <[Sandra.Comeau@dfo-mpo.gc.ca](mailto:Sandra.Comeau@dfo-mpo.gc.ca)>; Dwyer, Alan <[Alan.Dwyer@dfo-mpo.gc.ca](mailto:Alan.Dwyer@dfo-mpo.gc.ca)>; Moore, Benjamin <[Benjamin.Moore@dfo-mpo.gc.ca](mailto:Benjamin.Moore@dfo-mpo.gc.ca)>; Dupuis, Monique <[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca)>  
**Subject:** Email to DMCs

Proposed email to DMC for your input. Parts in yellow will defer depending on DMC.

Hello,

Thank you for participating to the discussion on the potential project for Dockside Monitoring in the Gulf Region Lobster Fisheries. As discussed, we would like for you to provide a quote(s) ~~on providing~~ for the following services ~~to DFO~~ during the Spring Fishery (LFA XX) and Summer/Fall Fishery (LFA 25). Please provide separate quotes for each season. The tasks would include:

- Provide a Dockside Observer daily at ports listed in the attached document to monitor lobster landings. You will be responsible to develop the schedule and share it by email to DFO for possible C&P support. The dispatching of the observer(s) will need to be done randomly within the listed ports (there will be no hail-in).
- A minimum 10 landings per day. If you are able to do more, please provide the number and cost.
- The dockside Observer will need to ask the fish harvesters for a copy of ~~their~~ his/her logbook/Elog and fill out the following information on the existing Weigh out form:
  - 1) Company, date, port landed, monitor's name and ID.
  - 2) Licence number, VRN, vessel name and captain
  - 3) Buyer
  - 4) Logbook # or ELog Unique ID#
  - 5) Catch estimate recorded by the fish harvesters in their log – Add in the comment section
  - 6) Buyer's slip #. – Add in the comment section
  - 7) Record of all lobster landed (sales and personal use) at the buyer's station
  - 8) Fill out incident report for non-compliance of fish harvesters for those that do not provide their logbook/Elog
- DMC's office will scan the Weigh out forms and send it to DFO weekly or twice a week.
- DMC's office will send the original forms to DFO at the end of the season. **NO** data entry will be required by the DMC for 2019.



Also attached for your information are the number of licences per homeport for 2016. Note however that fishers might may not always land at their homeport (only say this if covering areas outside LFA 23).

Thank you,

Josiane

## Massiera, Josiane

---

**From:** Robichaud-Hache, Melanie  
**Sent:** February-15-19 2:24 PM  
**To:** Massiera, Josiane  
**Cc:** Lemay, Gaëlle  
**Subject:** RE: Lobster Dockside Monitoring Update

Allo Josiane

J'ai vérifié et le débarquement Bransfield, c'était une erreur de ports devrait être New Mills, alors oui tu peux l'enlever de la liste.

Pour les débarquements avec port nommé Big Cove, j'ai remarqué que c'est tous le même acheteur et que lui il n'avait pas identifié le nom du port et comme Sandra a écrit on a utilisé Big Cove car c'est ce qu'Elsipogtog utilise comme Homeport pour ces licences.

J'ai vu dans les filières de ces bateaux que leur crabe commun est débarqué à Richibuctou, alors je serais tenté d'utiliser ce même port pour leur débarquement d'homard.

Pour Bouctouche FN même chose le même acheteur que Big Cove n'indique pas le port alors nous avons pour ce bateau placer débarquement aurait eu lieu au port de Bouctouche mais avec tes courriels je peux voir que ce port n'existe pas.

Il faudrait donc vérifier ce qu'on devrait placé dans ce cas-là.

Melanie

Mélanie Robichaud-Haché, MSc

Statistical Research Coordinator / Coordonnatrice de la recherche Statistiques  
Strategic Services Branch, Gulf Region | Direction des Services Stratégiques, Région du golfe  
Fisheries and Oceans Canada | Pêches et Océans Canada  
343 Université, Moncton NB E1C 9B6  
Tel: (506) 851-2371  
Fax: (506) 851-7732  
Room 662

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**From:** Massiera, Josiane <Josiane.Massiera@dfo-mpo.gc.ca>  
**Sent:** Friday, February 15, 2019 1:48 PM  
**To:** Robichaud-Hache, Melanie <Melanie.Robichaud-Hache@dfo-mpo.gc.ca>  
**Cc:** Lemay, Gaëlle <Gaelle.Lemay@dfo-mpo.gc.ca>  
**Subject:** FW: Lobster Dockside Monitoring Update

Bonjour Mélanie,

Je sais que vos données 2017 sont préliminaire, donc voici des commentaires du bureau de secteur par rapport à la liste des acheteurs de homard que vous nous avez fournis (on tente de voir quel compagnie de DMC va couvrir quel port) si ça peut vous aider.

Aussi Port Petits Bateaux a fait un exercice de vérification des ports selon notre liste dans GFIS. J'ai joint le document.

- I noticed Big Cove and Bouctouche are listed in the table you provided but there is no port in Big Cove (even though Elsipogtog's licences list Big Cove as their homeport) and the same for Bouctouche FN.
- You can remove Baie Ste. Anne from the list. The few fishers with that homeport sell and dock at Escuminac.
- I checked with Jacques Haché (used to collect sales slips from buyers) and SCH and Google and Bransfield does not exist as a port. I would not add to the list. Not sure why it's on the list especially for that buyer as that company is from Val-Comeau area (maybe they wanted to say Brantville??)

Josiane

---

**From:** Comeau, Sandra J  
**Sent:** February-15-19 12:32 PM  
**To:** Massiera, Josiane  
**Subject:** RE: Lobster Dockside Monitoring Update

Hi Josiane,

Thanks for sharing the list with the buyers. I find that information very interesting since we don't have that contact.

- You can remove Baie Ste. Anne from the list. The few fishers with that homeport sell and dock at Escuminac.
- McEachern and Tabusintac are the same port but are listed as two different homeports (with two different codes). We can use McEachern instead of Tabusintac.
- I checked with Jacques Haché (used to collect sales slips from buyers) and SCH and Google and Bransfield does not exist as a port. I would not add to the list. Not sure why it's on the list especially for that buyer as that company is from Val-Comeau area (maybe they wanted to say Brantville??)

As for LFA 25, here are the ports that should be covered (that are listed in the conditions of licence):

Escuminac (for corridor users)

Pointe Sapin

Loggiecroft

Cap. St-Louis

Richibucto

Cap St-Lumière

Côte Ste. Anne/Chockpish

St. Edouard

St. Thomas

Cocagne Bar/Cormierville

Caissie's Cape

Pointe du Chêne

Robichaud

Aboiteau

Cap Pelé

Petit Cap

Botsford/Murray Corner

Cape Tormentine

I noticed Big Cove and Bouctouche are listed in the table you provided but there is no port in Big Cove (even though Elsipogtog's licences list Big Cove as their homeport) and the same for Bouctouche FN.

**Sandra Comeau**

*Ressource Management / Gestion de la ressource*

*Téléphone / Téléphone 506-395-7765*

---

**From:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>  
**Sent:** February-14-19 5:15 PM  
**To:** Comeau, Sandra J <[Sandra.Comeau@dfo-mpo.gc.ca](mailto:Sandra.Comeau@dfo-mpo.gc.ca)>  
**Subject:** RE: Lobster Dockside Monitoring Update

Baie Ste-Anne ne sont pas listés dans le document que Gaëlle m'a fourni (ci-joints). Elle utilise Mceachern Point pour Tabusintac.

Aussi Gaëlle a Bransfield???

J'ai ajouté les DMC dans la colonne « G », pour chacun des DMC (2 documents ci-joints).  
Peux-tu aussi checker la liste pour LFA 25...il y a beaucoup de ports!!!

Josiane

---

**From:** Comeau, Sandra J  
**Sent:** February-14-19 2:26 PM  
**To:** Massiera, Josiane  
**Subject:** RE: Lobster Dockside Monitoring Update

For LFA 23 based on rock crab and halibut landings, I listed the following ports with lobster landings based on territory.

**Seefish covers:**

Dalhousie  
New Mills  
Pointe Verte  
Petit Rocher  
Tracadie  
Val-Comeau  
Tabusintac  
Neguac  
Burnt Church  
Baie Ste. Anne  
Escuminac  
Pointe Sapin

**Pèse Pêche covers :**

Millerbrook  
Stonehaven  
Grande-Anse  
Anse-Bleue  
Caraquet  
Bas-Caraquet  
Lamèque  
Miscou  
Petit-Shippagan  
Pigeon Hill  
Sainte-Marie-Saint-Raphaël  
Savoy Landing  
Shippagan  
Le Goulet  
Inkerman

**Sandra Comeau**

*Resource Management / Gestion de la ressource  
Telephone / Téléphone 506-395-7765*

---

**From:** Comeau, Sandra J  
**Sent:** February-14-19 1:48 PM  
**To:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>  
**Subject:** RE: Lobster Dockside Monitoring Update

Looks good to me. I added a few comments. We will need to translate for Pèse Pêche.

**Sandra Comeau**

*Resource Management / Gestion de la ressource  
Telephone / Téléphone 506-395-7765*

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**From:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>  
**Sent:** February-14-19 1:30 PM  
**To:** Comeau, Sandra J <[Sandra.Comeau@dfo-mpo.gc.ca](mailto:Sandra.Comeau@dfo-mpo.gc.ca)>  
**Subject:** RE: Lobster Dockside Monitoring Update

Pour ton input avant que je l'envoie à Monique...Je dois faire l'analyse des ports aussi avant de l'envoyer.

Proposed message to DMC:

Hello,

Thank you for participating to the discussion on the potential project for Dockside Monitoring in the Gulf Region Lobster Fisheries. As discussed, we would like for you to provide a quote on providing the following service to DFO. The tasks would include:

- Provide a Dockside Observer daily at some of the ports listed in the attached document to monitor lobster landings. You will be responsible to develop the schedule and share it by email to DFO for possible C&P support. The dispatching of the observer(s) will need to be done randomly within the listed ports (there will be no hail-in).
- An average (I thought it was a minimum of 10) of 10 trips per day 6 out of 7 days of week (in LFA 23) or 5 out of 6 days of week (in the rest of LFAs). (I would remove this. If they are unable to reach 10 trips per day they can explain why).
- The dockside Observer will need to ask the fish harvesters for a copy of the logbook/Elog ~~to write down~~ and fill out the following information on the existing Weigh out form ~~(in the Comment section)~~:
  - Company, date, port landed, monitor's name and ID.
  - Licence number, VRN, vessel name and captain
  - Buyer
    - 1) The logbook/ELog Unique ID#
    - 2) Catch estimate recorded by the fish harvesters in their log; (in the comment section)
    - 3) Record of all lobster landed (sales and personal use) at the buyer's station;
    - 4) Write the buyer's slip #. (in the comment section)
- DMC's office will scan the Weigh out forms and send it to DFO twice a week (or weekly – will we have someone in place from the beginning of the season to enter this information?).
- DMC's office will send the original forms to DFO at the end of the season. **NO** data entry will be required by the DMC for 2019.
- fill out incident report for non-compliance of fish harvesters for those that do not provide their logbook/Elog

Also attached for your information are the number of licences per homeport. Note however that fishers might not always land at their homeport (they are supposed to in LFA 23 ☺).

Josiane

---

**From:** Dupuis, Monique  
**Sent:** February-14-19 9:12 AM  
**To:** Massiera, Josiane  
**Subject:** RE: Lobster Dockside Monitoring Update

Looks good to me.

Tu m'avises lorsque tu veux que je contacte les compagnies pour leurs demander de nous envoyer les tarifs ?

Monique

Monique Dupuis  
Regional Staff Officer – At Sea Observer & DMP Coordinator, Conservation and Protection  
Fisheries and Oceans – Gulf Region/Government of Canada  
[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca) / Tel: 506-851-6214 / Fax: 506-851-2504

Agente fonctionnel regional – Coordonnatrice de programme d'observateur en mer et PVQ , Conservation et protection  
Pêches et Océans Canada – Région du Golfe/Gouvernement du Canada  
[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca) / Téléphone: 506-851-6214 / Fax: 506-851-2504

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**From:** Comeau, Sandra J <[Sandra.Comeau@dfo-mpo.gc.ca](mailto:Sandra.Comeau@dfo-mpo.gc.ca)>  
**Sent:** February 13, 2019 2:44 PM  
**To:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>; Dwyer, Alan <[Alan.Dwyer@dfo-mpo.gc.ca](mailto:Alan.Dwyer@dfo-mpo.gc.ca)>; LeBlanc, Carole L <[Carole.L.LeBlanc@dfo-mpo.gc.ca](mailto:Carole.L.LeBlanc@dfo-mpo.gc.ca)>  
**Cc:** Dupuis, Monique <[Monique.Dupuis@dfo-mpo.gc.ca](mailto:Monique.Dupuis@dfo-mpo.gc.ca)>; Moore, Benjamin <[Benjamin.Moore@dfo-mpo.gc.ca](mailto:Benjamin.Moore@dfo-mpo.gc.ca)>; Lemay, Gaëlle <[Gaëlle.Lemay@dfo-mpo.gc.ca](mailto:Gaëlle.Lemay@dfo-mpo.gc.ca)>  
**Subject:** Re: Lobster Dockside Monitoring Update

Looks good to me. Maybe to add a bit to Alan's point that it would be good to have a coordinated or collaborative approach between monitors and C&P officers to facilitate the transaction with fish harvesters at the wharves at least for the first weeks.

Thanks Josiane.

Sandra

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On Wed, Feb 13, 2019 at 2:25 PM -0400, "Massiera, Josiane" <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)> wrote:

Good point added below. Thanks

---

**From:** Dwyer, Alan  
**Sent:** February-13-19 2:04 PM  
**To:** Massiera, Josiane; LeBlanc, Carole L  
**Cc:** Dupuis, Monique; Comeau, Sandra J; Moore, Benjamin; Lemay, Gaëlle  
**Subject:** RE: Lobster Dockside Monitoring Update

Hi Josiane,

Not sure if you wanted it mentioned in the summary or not, but an important point will be that the COL will have to be amended to require fishers to provide logs and allow catches weighed when approached by DMP. Based on comments I have heard from industry about the possibility of DMP in my area, there will be strong opposition from industry and they will not want to cooperate. This will likely increase workload for C&P.

Alan

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**From:** Massiera, Josiane <[Josiane.Massiera@dfo-mpo.gc.ca](mailto:Josiane.Massiera@dfo-mpo.gc.ca)>

**Sent:** Wednesday, February 13, 2019 1:09 PM

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**Subject:** Lobster Dockside Monitoring Update

Summary requested by Marc to discuss with Frank and RDG...If any of you wants to add something, please feel free.

Carole, feel free to remove some parts if it's too much details...

- A 2016 Report of the Commissioner of the Environment and Sustainable Development found that DFO was missing key information needed to manage Canada's public resources sustainably, including gaps in catch data and catch monitoring. Fishery monitoring and catch reporting is also consistent with general Marine Stewardship Council's (MSC) requirements (Lobster fisheries in the Gulf Region received the MSC certification).
- A feasibility study to develop an implementation plan for reliable, timely and accessible lobster catch information in the Gulf Region was conducted by a Consultant company (Lansdowne Technologies Inc.) from February to May 31, 2018. The fish harvesters' associations received notice of the study in February and teleconference and/or meetings took place with GNS fisheries representatives, PEIFA and the MFU for initial discussion (none with the processors).
- The study findings was presented by the consultant at the sGSL Lobster Advisory Committee held on December 4-5, 2018. Six options were presented: 1. Use of ELOG with Random Checks by Compliance Officers; 2. Data Entry Only; 3. Pilot Project in one LFA or Sub-Area; 4. Partial Monitoring (Commencing at 10%); 5. Full 100% Monitoring 6. Delay Monitoring Until 2020
- The majority of Fish harvesters' representatives were not in favor of implementing Dockside Monitoring for lobster, did not favor any options and several mentioned that if a Dockside Monitoring Program (DMP) is implemented in Lobster it should be done across the Regions, especially in Maritimes Region. Several also favored to start with e-Logs, which will be implemented in 2019 on a voluntary basis. Processors are supportive of implementing Dockside Monitoring for lobster.
- The current DMP cannot sustain a full 100% DMP in Lobster at this time with the current Dockside Monitoring Companies operations because of the size of the fishery; a phase-in approach is the only feasible option.
- We are exploring the option of implementing a Lobster Dockside Monitoring Audits/Spot Checks. In coordination with the C&P DMP coordinator and the area offices, we talked to each of the 6 DMCs (separately) to ask about the possibility for such a project in 2019. To date, all 6 companies thinks it is feasible. The DMCs are aware that this project is contingent of funding and approval.

- For 2019, the project is proposing to have random spot verification/audit of catch (around 10 trips per DMC per day) with no hail-in. The dockside observer will show up at a port randomly. We will provide the list of ports that each DMC needs to cover. Note that further analysis is needed for PEI, as both companies are covering around 60% of the same ports.
- DFO will have a contract with each DMC and pay for the DMC service that will include travel for the DMC observer (bulk of the cost) and specific tasks. The estimated costs requested to NHQ for this project is \$250,000. We are currently in the process of receiving quotes from the DMCs on the specific costs.
- The tasks will include: Dockside observer travel to one or two ports per day (random), asking the fish harvesters for a copy of the logbook/Elog to write down on the existing Weigh out form the logbook/ELog # and catch estimate recorded by the fish harvesters and then record the actual catch (sales and personal use) at the buyer's station (as well to write the buyer's slip #). The only administrative part requested by DMCs' offices will be to scan the Weigh out forms and send it to DFO (the original will also be sent to DFO at the end of the season). No data entry will be required by the DMC for 2019.
- DFO will need to hire someone to enter the information either in an Excel sheet or directly in GFIS/DMP reports and flag any big discrepancy between the estimates and actuals. Note that if we want to eventually replace the buyers slips data currently entered by Stats in GFIS by the actual landings recorded by the dockside observer, it will require some additional work from Stats staff for 2019.
- DFO will also need to amend the COL to require fishers to provide logs and allow catches weighed when approached by a Dockside Monitor. Considering the opposition from industry for Dockside monitoring, This will likely increase workload for C&P; especially at the beginning of the season.
- Area of concerns will dictate where additional efforts should be placed in the future.

Josiane